ALL ABOUT YOUR FEET:
WHAT YOU SHOULD KNOW ABOUT THEM
THE NEED FOR BETTER SCIENTISTS
AND M.I.T.'S ANSWER



MAY 7, 1956

EG. U. S. PAT. OFF.



If you smoke a lot, Kents are to your taste, too

Kent was designed for people like you—it's the only eigarette with the Micronite Filter. This gives you high filtration that actually helps you keep your smoking moderate—without cutting down on the smoking enjoyment. Here's why: Kent offers you a custom blend of rich tobaccos...the Micronite Filter smooths the flavor. You can tell by Kent's clean, fresh taste. So why smoke anything less, especially if you smoke a lot.



King Size and Regular length



Make every weekend an extra vacation

can get the most enjoyment out of every weekend hour.

AND REMEMBER, THE MORE YOU DRIVE, THE LESS IT COSTS PER MILE

You can have forty-nine extra vacations a year! Just take advantage of your weekends. Get in your car and go . . . to see new places, new faces and enjoy extra hours of leisure and pleasure.

And you'll find it's an economical "vacation," too. Official AAA figures show that a large part of the costs of car ownership do not change with mileage. Whether you drive around the block or cross country, such things as depreciation, license fees, and insurance remain the same.

The main added expense for extra mileage is the relatively small cost of gasoline and oil. And competition among U. S. oil companies has held back these prices to give you one of today's biggest bargains.

So, as you can see by the chart below, every mile you drive costs less than the one before.

AVERAGE YEARLY DRIVING COSTS FOR A FAMILY OF FOUR

For 5,000 miles*		For 15,000 miles*
\$491.93	Depreciation	8491.33
104.39,	Insurance	104.39
16.66	License fees	16.96
116.00	Gasoline and Oil	348.00
37.00	Maintenance	
25.50	Tires	76.50
\$781.08	TOTAL FAMILY COST	
3.94 Cost	per mile for each member of	family 1.9¢

So come on, treat yourself and your family to a weekend vacation. And, please, drive safely.

ETHYL CORPORATION New York 17, N.Y.



SITE SEEING. America is a wonderland of historic sites and there are a number of them close by. This kind of family visit is lots of fun . . . makes history come alive for you and your children.



DRIVE MORE ... DRIVE SAFELY





REG. U.S. PAT. OFF,

28

Troubles for B&K

Khrushchev and Bulganin try hard but fail to impress British, and Khrushchev, losing his temper, makes what may be an irretrievable blunder.



UNFRIENDLY SIGN

Mechanized dream house

A manufacturer builds a Palm Springs dream house with mechanical beds and bar and a poolside Lazy Susan which revolves sunbathing guests.



Great art returns to Dresden

Ten pages of color show works of great masters which were held by the Russians but have now been sent back home to East Germany.



104

135

168

186

A FAMOUS RAPHAEL

A search for better scientists

With Russia turning out scientists in profusion, America's famous M.I.T. meets the challenge by emphasizing quality rather than mere quantity.



Do your feet hurt?

Richard Carter tells how man abuses his feet and then complains about a long catalog of miseries, while doctors disagree about what to do.



SHOE SOLUTION?

How to entertain 9-year-olds

In the third of a series on parties for youngsters, LIFE shows competitive games which keep energetic 9-yearolds from getting bored.



COVER

A poolside Lazy Susan gently turns seven girls and a dog in the Palm Springs sun (see pp. 71-78)

THE WEEK'S EVENTS British resist charm of B & K and there is a historic blow-up	28
A Look at the World's Week A terrible confession is ruled voluntary during trial	34
for dynamiting plane	36
A Supreme Court ruling and a mix-up over bus mixing	38
Nine Russian sailors now are four and kidnaping is charged The great Berlin tunnel mystery: Reds accuse the U.S. of	45
wire-tap and Germans applaud it	48
Colorado workmen brace a breath-taking bridge Jackie Cochran's airborne campaign: aviatrix flies into	53
California politics	65
EDITORIALS The "totality" of NATO Is thrift un-American?	40
PICTORIAL ESSAYS Pride of Dresden is seen anew as Russians restore famous art masterworks to German museum How Massachusetts Institute of Technology seeks quality rather than quantity in students, and President Killian tells how U.S. can win the scientific manpower race.	104
Photographed for LIFE by Gjon Mill	135
ARTICLES	
The case for a friend in need: U.S. Industrialist Clarence B. Randall foresees a bright future for Turkey	115
The wretched lot of the poor foot: dismaying evils plague Ill-shod humanity. By Richard Carter	168
TELEVISION Wall Street honors a 10-year-old who won \$100,000 TV quiz	59
MODERN LIVING Dream house in Paim Springs, is a push-button paradise How to fare well on the nation's surplus bounty	71 122
ANIMALS U.S. Air Force shoes sore paws of its sentry dogs	63
SCIENCE Arizona convicts test a chemical for tanning tender skins safely	89
FASHION A flurry of feminine ruffles revives an expensive old fashion	95
SPORTS	
Johnny on the spot: even world's great heavyweights cannot lift 109-pounder	102
THEATER Bert Lahr, in the middle of a riddle, has a comical wait for Godot	155
MOVIES East and West meet in John Wayne	161
PARTY	
Energetic 9-year-olds are happy in competitive play. Part III in LIFE's series of children's parties	186
OTHER DEPARTMENTS	
Letters to the Editors	15
Speaking of Pictures: Artist Jamleson's pen as a camera Miscellany: a yacht in a yard	20 194
O 188 TIME INC. ALL RIGHTS RESERVED UNDER INTERNATIONAL AND PAN- AMERICAN COPTRIGHT CONVENTIONS, REPRODUCTION IN WHOLE OR PART WITHOUT WRITTEN PERMISSION IS STRICTLY PROHIBITED	

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119-HARRIS & EWING 120-DMITH RESSEL

IZZ. IZZ-BEN ROSE 147, 150-GJON MILE 155, 136, 138-ELLIOTT ERWITT FORM MAGNUM 161-RKO-PHIL STERM FROM GLOBE RKO-GLOBE

PHOTOS: IM-RKO-PHIL STERR FROM GLOBE 166-RKO-PHIL STERN FROM GLOBE 158 THROUGH THE TELEVISIONS BY MICHARD ENDOES 194-A. M. BAURACH

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VOLUME A

How to start a romance with a Ronson



It might begin when you first spot this raving beauty across a crowded room. But most people's romance with a Ronson (especially the elegant Capri) begins when they hold it in their hand for the very first time ... fondle its slim, svelte lines... feel the fabulous ease with which it works... see how simple it is to refuel. Then it's a case of love at first light!

And for all its elegant good looks, the Capri...like all Ronson Lighters... is dependable as an old beau. Never temperamental. Requires no pampering. Never fails you when you need it. (And for starting another kind of romance... the kind that makes the world go round... there's no gift so likely to succeed as a Ronson Lighter). Give a Capri... and see!

P.S. The Capri has Ronson's patented "Swivel Base"... no need to use coins or screwdriver to open ... it swings open for easy refueling!

RONSON

maker of the world's greatest lighters and electric shavers

Ronson's new CAPRI in smart satin-finish chrome. 8.50 (Also in enamel, leather or gold plate.)

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free gift FPO M showers"

this famous talc free.

when you

purchase the



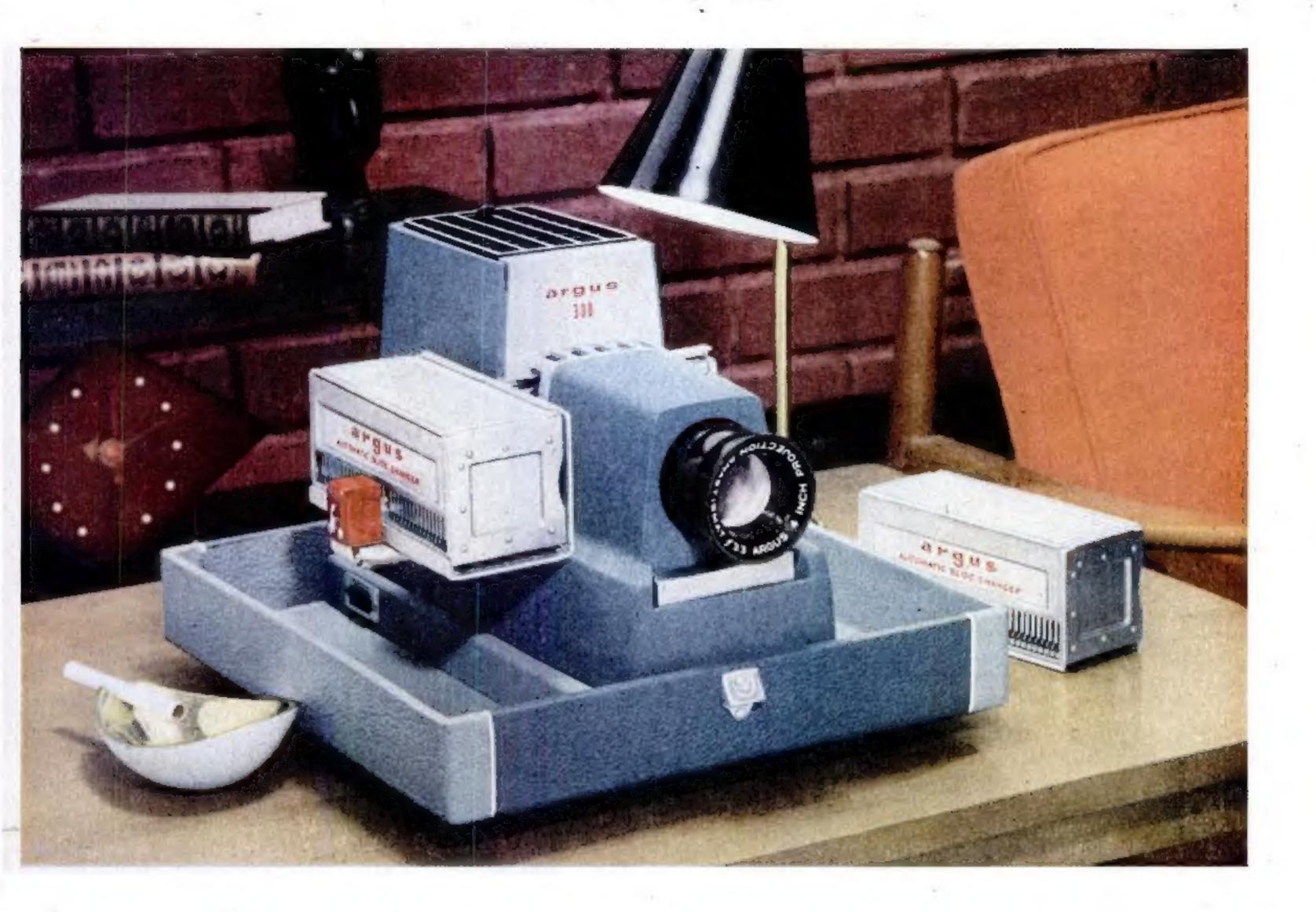
fragrant stick deodorant

New April Showers Stick Deodorant...magical springtime fragrance plus hexachlorophene to banish perspiration odor instantly. No mess, no grease, no chilly drip. Safe for skin and fabrics. Try it today and receivefree-fragrant April Showers Talc...the fine imported talc that clings gently...leaves skin soft and silky-smooth.

NOW... keep April-fresh and Shower-sure ..

CHERAMY PERFUMER.





See your color slides in a beautiful new light... life-size!

WITH THE NEW ARGUS AUTOMATIC PROJECTOR

complete with carrying case, automatic slide changer, slide editor and 36-slide magazine

\$5950

You've photographed the big moments of your life in color. Now relive them again and again—big as life and just as colorful—with this all-new Argus Automatic Projector!

A new, advanced optical system delivers more light through the wide-angle lens to give you

pictures uniformly bright and clear, from corner to corner. No dimmed-out edges or "hot" spots.

And your slides are so easy to show. A quick push-pull of the operating handle positions each slide for perfect viewing, returns it to the magazine in order, and automatically advances the next slide.

A convenient new Slide Editor lets you preview slides before you file them in the magazine. And a powerful yet silent blower keeps projector and slides cool—even during the longest showings.

To see your color slides in a beautiful new light, see the all-new Argus line of 300-watt projectors at your dealer's now.

Standard model, with non-automatic operation, \$37.50. New Remote-Control Power Unit for any Argus Automatic, runs the show by push-button from anywhere in the room, \$24.50.



les and safeguards slides! Aluminum maganes keep slides in perfect order. Metal frames btect them from dirt, smudges, dog-earing. our fingers never touch transparencies.

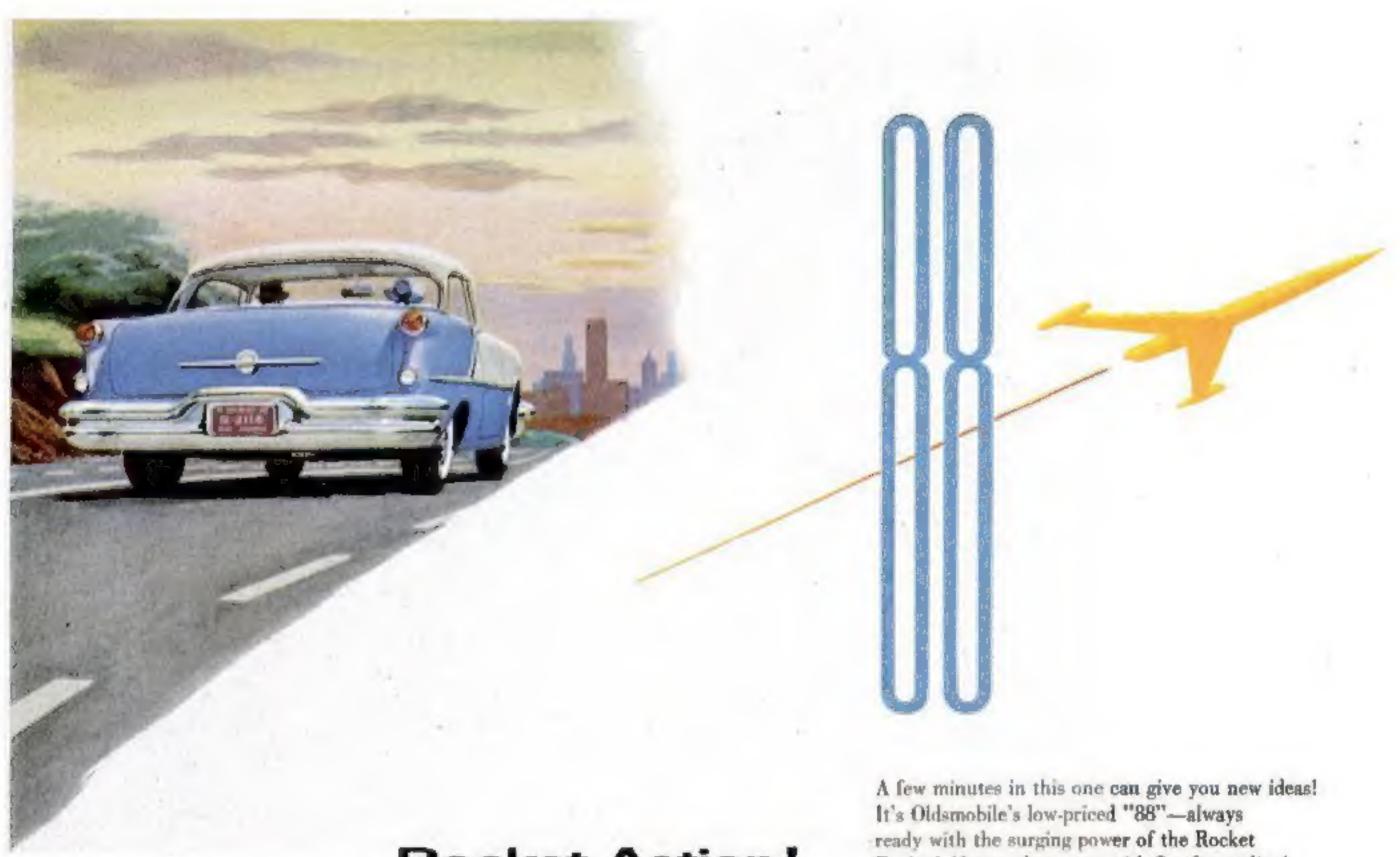


Spectacular picture quality! A powerful, 4-inch wideangle lens gives you big-as-life pictures that let the whole family enjoy the show—even in smaller rooms where projection space is limited.



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offer convenient credit terms.

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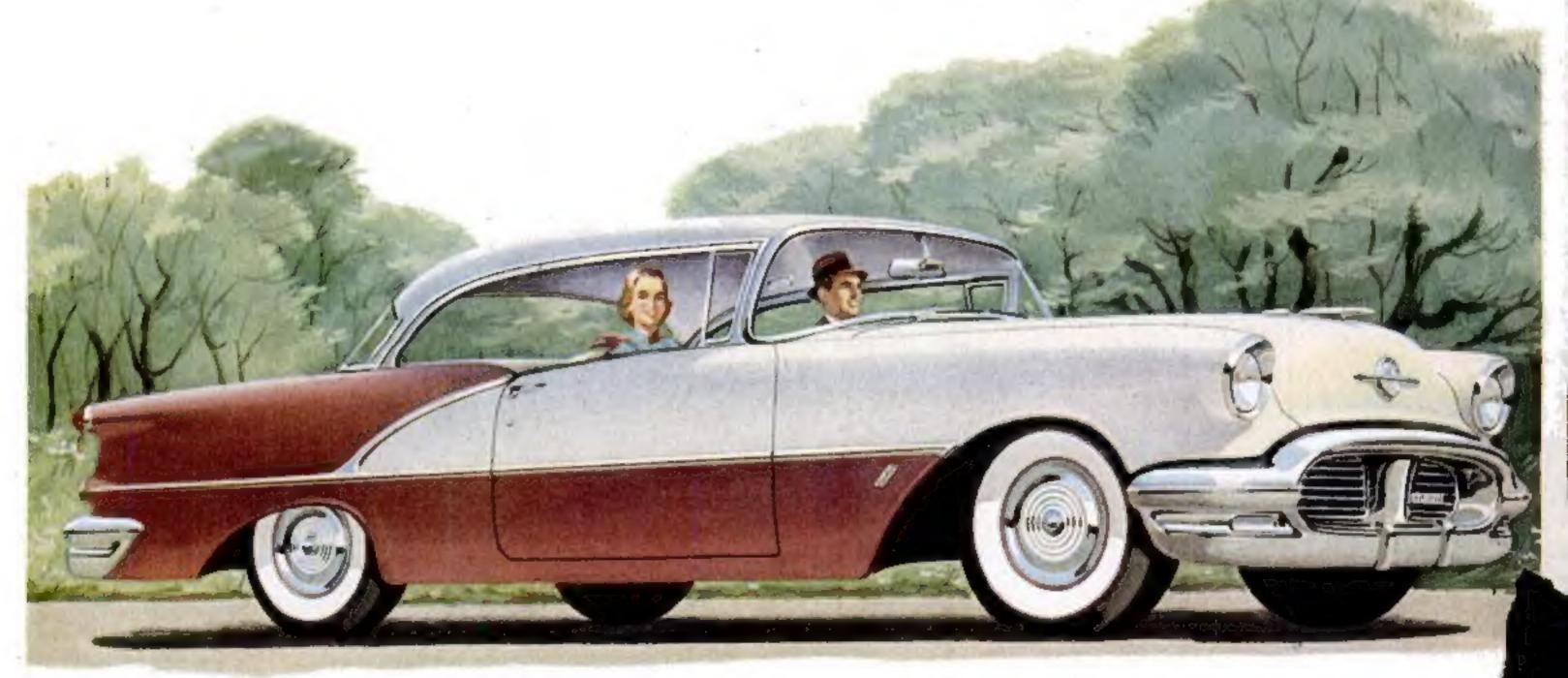
Rocket Action!

Budget Price!

A few minutes in this one can give you new ideas It's Oldsmobile's low-priced "88"—always ready with the surging power of the Rocket Engine! Always glamorous with Starfire styling! And it is ready now with smooth new Jetaway Hydra-Matie*! For everything you could ask for in your next car, just try an Olds "88". The price is sweet music, too!

Visit our showroom soon . . . make it today!

*Standard on Series Ninety-Eight; optional at extra cost on all other series.



"88" HOLIDAY COUPÉ

OLDSMOBILE

THE CAR WITH THE POWER PERSONAL

SEE VOUD NEADEST OIDSMOBILE DEAL

"LADY AMERICA" PROVES NEW EYEGLASS HEARING AID ADDS TO CHARM AND BEAUTY

National tour features newest styles in better hearing



"Lady America" is the mother of two live-wire children. She cooks, keeps house, feeds the family dog and does volunteer work for her local hospital. The wife of a prominent physician, she is Helen Heath.

"Lady America" is traveling from coast-to-coast to introduce Radioear's new "Lady America"—new fashion in eyeglass hearing aids to more than five million people.

Now you can enjoy hearing in style and comfort with the new "Lady America" Radioear . . . a truly beautiful way to hear. Light, small, comfortable. No heavy "tell-tale" temples (side pieces) to give away your hearing secret.

Radioear's "Lady America" and its companion Model "840" are the only full-powered, all-transistor hearing aids that are so versatile . . .

they may be worn as a very attractive pair of glasses one minute, and the next be converted for wear in so many other ways as: a hair clip; headband; tie or scarf clip or costume accessory. You can choose from three basic pastel colors and many two-tone combinations.

With all their delicate beauty, the new Radioears are, most of all, the dependable kind of hearing aids that have made Radioear hearing world famous. They bring a wonderful new answer to hearing problems—in style, comfort and true hearing aid value.



WHO'S WEARING THE "LADY AMERICA"? In this fashion show, "Lady America" and her two charming attendants are all wearing Radioear's beautiful new

"Lady America." Left to right: as a stylish hair clip; as an attractive, fashion-right headband; and as a graceful pair of glasses with distinctively slender frames.



CONVERTIBLE? IT'S A SNAP! To convert your Radioear from glasses to the other attractive ways you may wear it, a single snap-in motion does it in an instant.



IT'S A MAN'S HEARING AID TOO! All the advantages of the new Radiocar are available in the men's version, the handsome Model "840". They wear this tiny, light and efficient Radiocar under a tie, clipped to the shirt or coat lapel, as a tie clip or as a smart pair of glasses.



GOOD NEWS FOR 51/2 MILLION PEOPLE!

The 5½ million Americans, who now use or should use hearing aids, can now wear a hearing aid with justifiable pride, increased confidence and complete assurance. Safety and convenience are added to style in both models. Broken lenses don't interfere with your hearing. While your optician replaces the lenses, you simply wear your Radioear some other way.

SEE AND HEAR THIS NEW RADIOEAR!

If a member of your family, or a close friend has a hearing loss . . . and, of course, if your doctor has recommended a hearing aid for you . . . call or visit one of the Certified Radioear Hearing Aid Counsellors in your area. Or write to Radioear Corporation, Pittsburgh 16, Pa., for full details. Remember . . . the name Radioear has meant "trustworthy hearing aids" for more than a quarter of a century.

Radioear Hearing Aids





You're neater, more comfortable... with less care in cool summer suits made with high percentages of "Dacron"* polyester fiber. "Dacron" resists wrinkles and holds its press. To you this means more neatness, less bother, even in the stickiest weather. See these long-wearing, lightweight suits in a variety of styles, patterns and colors wherever you buy your better clothes.

DACRON

QUPOND

BETTER THINGS FOR BETTER LIVING ... THROUGH CHEMISTRY

DU PONT MAKES FIBERS. DOES NOT MAKE THE FABRICS OR SUIT SHOWN HERE. * DAGRON" IS DU PONTS REGISTERED TRADEMARK FOR ITS POLYESTER FIBER.

your baby's taste decide!

Heinz Baby Foods

Grown in the best soil,
packed at the very peak
of freshness with all of
Heinz flavor know-how

Better taster Even tiny tots appreciate the
truetables, meats and grains Heinz insists on using

BETTER TASTELEven tiny tots appreciate the fresh, tempting flavors of the selected fruits, vegetables, meats and grains Heinz insists on using in these better-tasting foods. Your baby can taste the difference—and so can you!

BETTER COLOR! Heinz kitchens are located in the heart of the nation's best growing regions so that the appetizing colors and wholesome food values of top-grade ingredients can be captured. Little goodness is lost between garden and kettle!

methods—plus the care and skill for which the Heinz folks have been famous for 87 years—result in smooth, fine textures that are just right for tiny bahies and toddlers. Just ask your doctor about better-tasting Heinz Baby Foods!



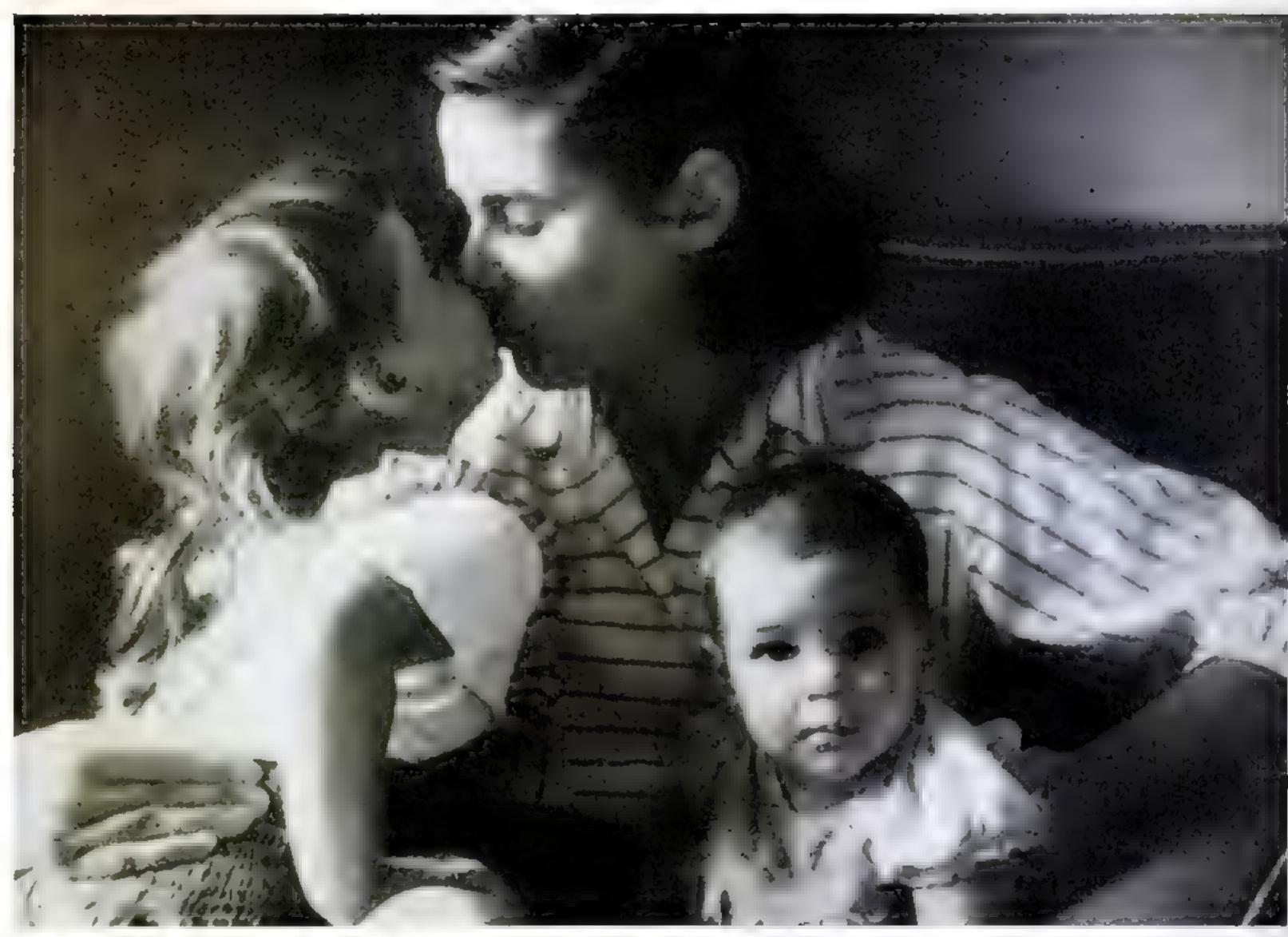


Strained Egg Yolks • Strained Orange Juice • Teething Biscuits
Pre-Consed Cerea • Strained Baby Food
Jumor Bally Foods • 00 Meats





If you're saving for your family's future...



Where you save does make a difference

Saving now makes a difference to your family's future. There's a difference where you save, too. Saving in an insured Savings and Loan Association means important advantages.

Excellent returns from your money is one advantage.

Another is efficient service from men who know how to make your dollars work harder for you.

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NEW Westinghouse Refrigerator

transform your kitchen



It's happened! Westinghouse has designed a completely new refrigerator—the only one that gives you that "planned-in" look... the modern built-in effect ... without any costly kitchen rebuilding. See how the clean, horizontal lines and soft new Confection Colors of the refrigerator flow into the planes of cabinets and counters. It looks custom-planned for the kitchen. With five cabinet colors and ten Choose-N-Change top panel colors, you choose from fifty color combinations. If you redecorate, the top color panel may be

easily changed to blend with your new colors. This is the only refrigerator that gives your kitchen the justified color combination today and tomorrow. See it now at your Westinghouse dealer's (Check yellow pages of phone book under Electrical Appliances.)

You don't have to build-in...now you can blend-in with 50 Color Combinations

Scolors you Choose-

lets you

without remodeling!..

Exciting changes inside, too!

New Cold-In-Motion Refrigerating System! Constant circulation keeps cold perfectly uniform from top to bottom of refrigerator section. Gives better food protection... keeps foods fresher It's completely automatic—the most advanced refrigeration system yet developed.

No more stooping! Food storage shelves are up top—on the level with you! And—no more groping! Shelves roll out, too.

Olant Preexer below holds 83 hs. of frozen foods. Basket rolls out for easy loading, Includes new "Ico-Slice" Tray.

Special Meat Storage. Provides the proper moisture and cold air circulation to keep up to 16 lbs. of meat fresh days longer.

New Showcase Grisper.

Keeps 3/3 of a bushel of vegetables dewy-fresh. Tilts down for easy access... lifts out for easy loading. Transparent..., so food's always in sight.

Automatic Twin Jules Pountain.

(Optional) Freshly mixes and serves

two kinds of fruit juice or beverages

. instantly and automatically . . . at
the touch of a finger. One tap can be
used for chilled water.



The Extra Room You've Wanted! Real family-size refrigerators! Larger than most comparably-priced models. Westinghouse has deliberately built them extra big ... with extra room your family won't outgrow. And exclusive Food File Storage gives you a special place and a special cold for every kind of food. There's a model to fit every family and budget ... with your choice of Frost-Free* or Push-Button Automatic Defrosting.

v-Change!

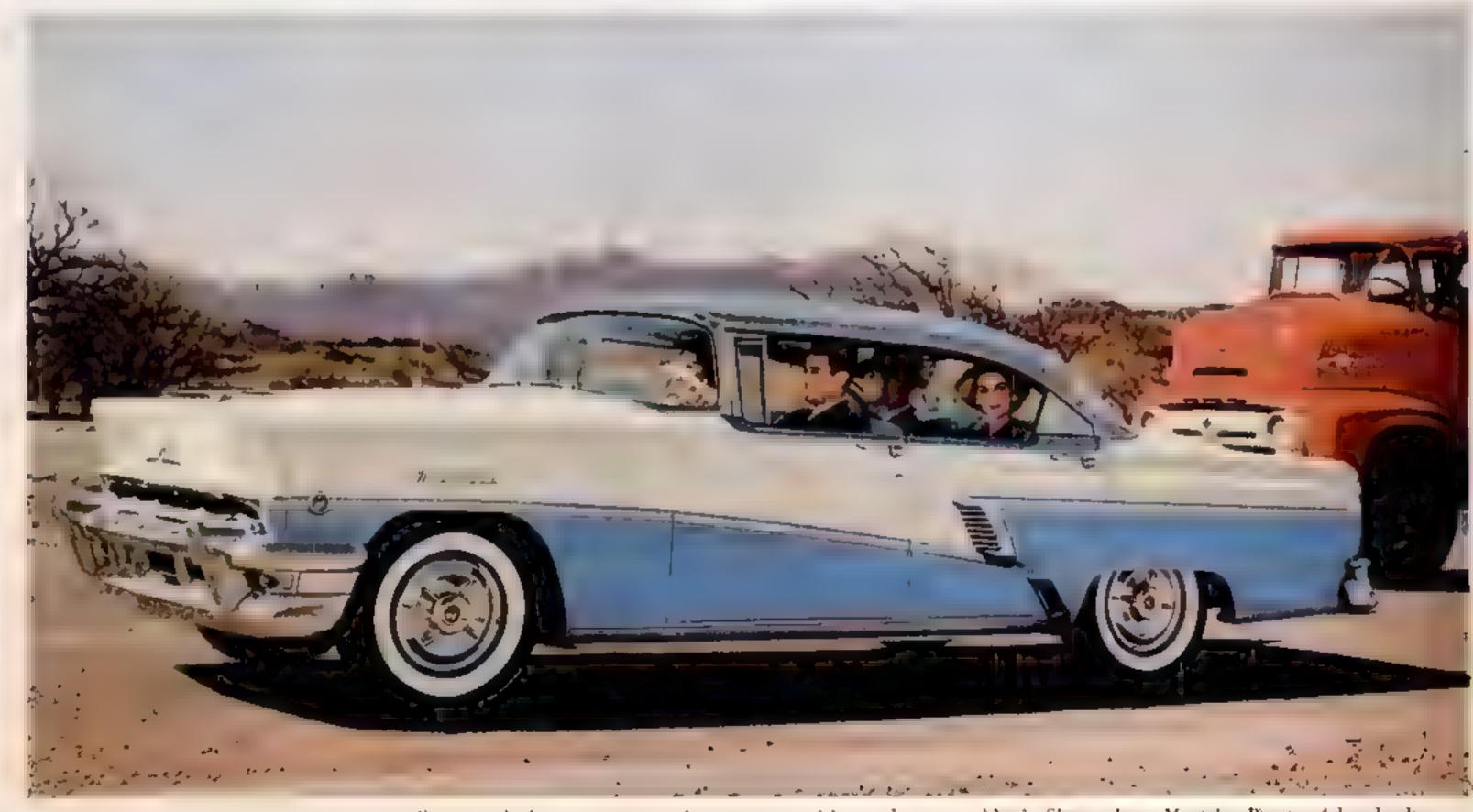
WATCH WESTINGHOUSE!

WHERE BIG THINGS ARE HAPPENING FOR YOU!



ACCELERATION TESTS around pace care driven at steady speeds demonstrate rate no M a lightning-quick response. There's no lag-no hesitation,

THE BIG M's instant response in pace-car tests proves you save vital seconds when passing



NEW "LIFT" THAT'S REFLEX FAST-Go, stop. climb, turn THE BIG M's response as quick as a champion athlete's. Shown above, Montelair Phaeton Isloor hardtop.

Want to pass? A toe's touch gives you wings lostgothy THE BIG M responds. Breathe once you're alongside the car that mas alread. Breathe twice you're safely buck in line

You save vital seconds every time von pass. And you can even gain speed climbing 30° c grades. Try that in your present car'

How can we be sure you'll get this new kind of nellex-netion performance? In test after test we proved it Just as we proved that you enjoy easier handling with advanced ball-joint suspension. And are letter protected with new Sifety-First Design.

You get more car in other big ways. Such as 1866 at beauty. Here's youthful, clean-linest styling. Extra low in profile. And there's Mercury's provable value. Tow starting price, low operating cost, and high resale value. Better see your Mercury dealer soon.

MERCURY DIVISION . FORD MOTOR COMPANY

THE FORD HOTUNDA IN DEARBORN MICH IS ONE OF THE TOP TEN TOUTS! distractions in the resulting Why that place It was I only or year of its led with last noting of plays and exhibits.

For 1956_the big move is to

THE BIG MERCURY

A MAGN FICENT VALUE IN THE FORD FAMILY OF FINE DARG

LETTERS TO THE EDITORS

THE EPIC OF MAN: PART IV

Stra:

I am reading with considerable appreciation your articles on "The Epic of Man" (Life, April 16). The late anthropologist Dr. Earnest Hopton once indicated that possibly the visible characteristics of early man might not be too readily distinguishable in the clothing of the 20th Century. Here is a drawing by Artist Gustaf Dalstrom depicting four examples of early man as he might have appeared dressed for the contemporary opera.

CLIFFORD C. GREGG

Director

Chicago Natural History Museum Chicago, Ill.



EARLY MAN FORMALLY CLOTHED

• In opera capes and top hats, the four gentlemen shown are: (bottom) Java Man, Peking Man; (top) Neanderthal Man and Cro-Magnon Man.—ED.

NEW EGYPT SHOWS POWER

Sira:

Mr. Nasser asks these things from America: justice, humanity and understanding ("New Egypt Displays Its Power," Live, April 16). America was founded and survived on these same honorable principles. So let us Americans use them when viewing the problems of the Arab nations.

NADIM AJLOUNY

Detroit, Mich.

Sirs:

Namer's attack on U.S. policies sounded like the bawling of a foreign politician who would like more of our tax money to satisfy his grandiose ambitions. Why don't we be honest and answer his arrogant insults and double-faced pressure for aid with best it "friend," we don't like the game you are playing.

STLART G. CRANE

New York, N.Y.

GLUBB TALKS ON MID-EAST

Sirs:

For General Sir John Bagot Glubb to conclude that the Arabs are anti-Western and to brand their nationalism as being chiefly implemented by the Communists is a misrepresentation ("Glubb Tells How Our Mid-East Enemies Work," Life, April 16).

If they want it, the West could still count on Arab friendship. In this troubled world, the Arabs also wish to see hatred and suspicion give way to love and universal human understanding.

M. A. Shapi

New Britain, Conn.

Surs:

Sir John Glubb's assertion that the Israeli government "drove nearly a million Palestine Arabs from their homes" cannot be left unanswered. The genesis of this problem was the defiance of the United Nations by seven Arab states in 1948, when they launched an aggressive war to wipe out Israel. The already chaotic condition of the Palestine Arab community made flight almost inevitable. There was no authoritative voice to check the flight hysteria. On the contrary, many Arab leaders actually encouraged the exodus. Today's need is for humanitarian solutions. Biased recriminations serve only to deepen hostility and discourage all parties from discharging their common responsibility to resettle and rehabilitate the uprooted victims of war.

IRVING M. ENGEL

President
The American Jewish Committee
New York, N.Y.

Sirs:

A kudo to Life for the auccinet presentation of the Arab-Israeli crisis. No one can criticize your impartial reporting of this approaching tragedy. It has been on the highest journalistic plane, Israel and the newly independent country of Egypt are independent states won by the patriotism and devotion of their respective citizens. The potentiality of a war between them is terrifying.

RICHARD WALSH

La Crescenta, Calif.

TURKEY WITHOUT A FATHER

Sirs

If I were a tom turkey, I would assessmate Dr. Olsen and burn down the Time and Life Building ("A Turkey That Never Had a Father," Life, April 16).

PETER ALBANO

San Pedro, Calif.

IS THE INCOME TAX JUST?

Sirs:

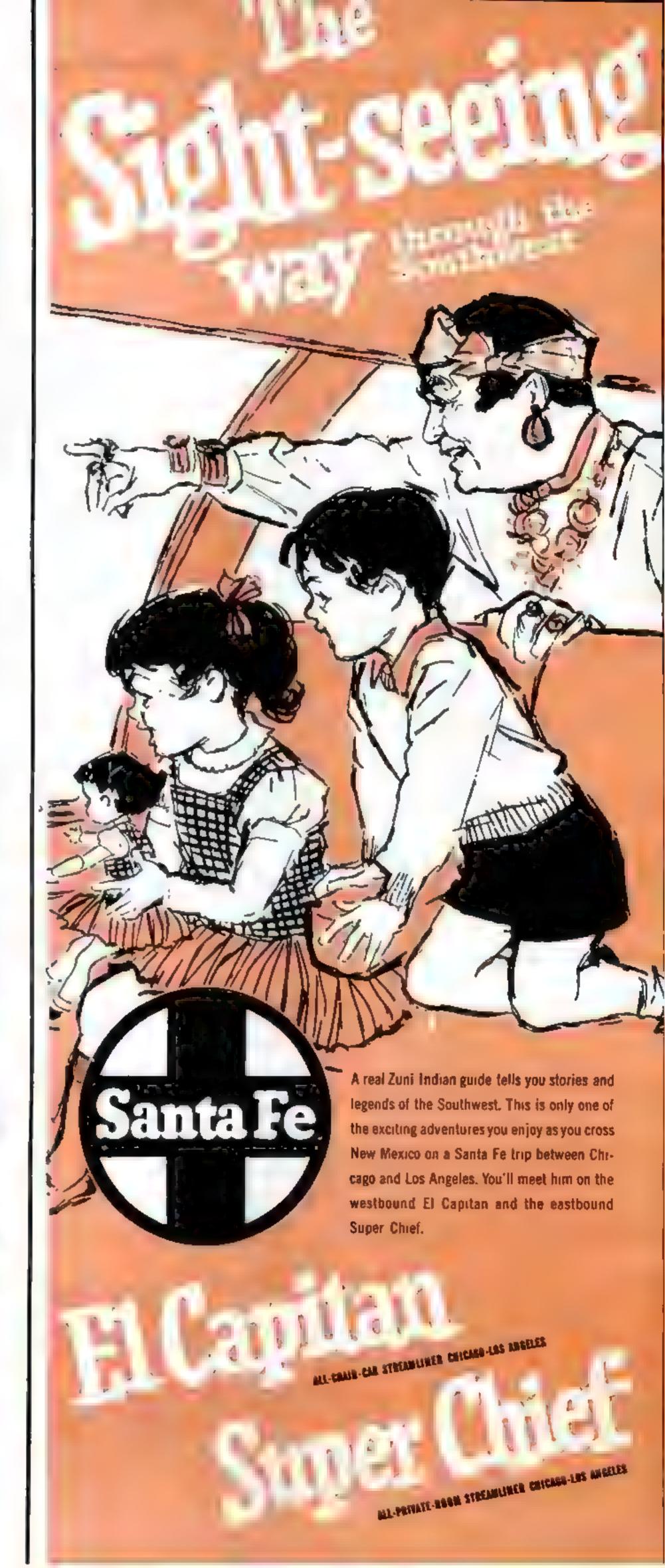
I'm a little surprised that you devoted an editorial to the federal income tax law when this tax has yielded the highest income of any tax and has been the least oppressive despite its shortcomings ("Is the Income Tax Just?" Life, April 16).

HAROLD R. NISSLEY

Cleveland Heights, Ohio

CONTINUED







a new Italian slant...

Following the footsteps of the famous Winthrop Signor . . . the new, authentically-Italian LIRA is destined to take its place, too, in smart wardrobes across the nation. Men who look for fashion with Continental styling and spirit will find it at its finest in the new Italian-flair LIRA.

See the new LIRA in a variety of smart styles, colors and leathers now at your Winthrop dealer's.

Winthrep Liras \$10.95 to \$12.95

Other Winthrops from \$9.95 Winthrop Jrs, for Boys \$7.95 to \$8.95 Slightly higher in the West



VINTHROP

SHOES

Write Dept. 1. 57 for style selector and name of searest dealer. . Winthrop Show Co., Div. International Shoe Co. of St. Louis, Mo. . Copyright 1956, Winthrop Shoe Co.

LETTERS TO THE EDITORS

Sirs:

History gives many examples of empires that have been undermined by unjust taxes. The punishment of a society that rubs its members comes slowly and it comes automatically by destroying the people's morale.

JOSEPH L. RICHARDS

MORRIS JOSEPH

Harvard, Mass.

WORLD'S WEEK

Who said that animals had no feel ings ("A Look at the World's Week," LIFE, April 16)? Two little elephants being pushed and pulled by five mean men. All they wanted to see were the sights of the world's largest city. One of them even is shedding tears over the loss of his new-found freedom,

Elizabeth, N.J.



ELEPHANT'S "TEARS"

· According to the handlers, high winds and the excitement of the chase, not sorrow, caused watering in the elephant's eyes-which water easily anyway.—ED.

HOXSEY

Surat

The medical profession of Pennsylvania is devoted to the practice of good medicine. Your story ("Things Got Hotter for Hoxaey," Life, April 16) presents factually and correctly how had medicine exploits our citizens. We are grateful to you.

DR. ROBERT L. SCHAEFFER President The Medical Society of the State of Pennsylvania

Harrisburg, Pa.

Surs:

The American Medical Association has fought him for years and if he is a quack, why haven't they proved this and closed up his clinics? The answer is simple: they can't prove it. 🔍

MRS. LOIS KNOLL

Prescott, Ariz.

 Neither the A.M.A. nor the federal government possesses the legal means to prohibit persons from practicing medicine. Under state laws which bar the practice of medicine without a proper license, Hoxsey has been convicted in Illinois and Iowa. The Texas State Board of Medical Examiners suspended the licenses of the eight doctors in his Dallas clinic in 1955 on charges of "unprofessional and dishonorable conduct." Hoxsey obtained an injunction against the board, and the matter is still in litigation.-ED.

CONTINUED

"I LOOKED IN MY MIRROR AND ALMOST CRIED!"

Mrs. B. C., Flushing, New York

"I knew my hair was turning gray. But I hadn't realized how fast . . . until one day I looked in my mirror and saw that my hair was almost completely gray! I felt like crying.

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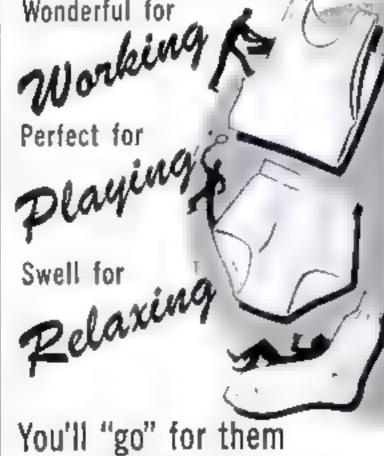
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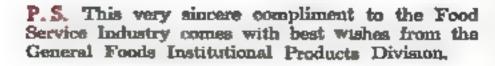
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LETTERS TO THE EDITORS

CONTINUED

Sirs:

In your story on Harold Hoxsey you mentioned my name prominently on several occasions, stating that I had tried to invoke the Hoxsey treatment into the curriculum at the Miners' Hospital and because of my failure was dismissed from this institution.

As administrator of the Miners' Hospital at Spangler, Pa., I never attempted to invoke the Hoxsey treatment or tried to put it into use in this institution. The story is this:

After my baby sister was informed by the medicos that death was near and nothing could be done for her because of her cancerous condition. I sent her to Dr. Hoxsey's clinic at Dallas. Today, three years after the date she was told she just had to die, insofar as we know, she is symptom free.

When I told this story in an article, hell broke loose and the doctors at the Miners' Hospital stated that my two positions, as a writer and administrator, were incompatible. I had my choice, to quit writing about what happened to my sister or leave the hospital. I chose the latter because the doctors of the staff took the position that I should be denied the right of free speech and that the people should not be told of the Hoxsey treatment or what he did for my sister.

SENATOR JOHN J. HALLSKA

Patton, Pa.

● Dr. W. D. Hall, chief of staff at Miners' Hospital during the 1954 battle with Senator Haluska says. "There is no doubt about the fact that Senator Haluska tried to promote a Hoxsey unit at the hospital." When it became apparent that Haluska endorsed the Hoxsey treatment, the doctors of Miners' Hospital threatened to resign unless Haluska was removed as administrator. Haluska was discharged after a court battle by the hospital board of trustees.—ED,

THE BULLS BAFFLE BERTHA

Sirs:

I correct you in placing bull fighting in the Sports section ("The Bulls Baffle Brave Bertha," Life, April 16). The corrida, or bullfight, is an art and is never, never referred to as a sport.

ROSALIA PINTER

Philadelphia, Pa.

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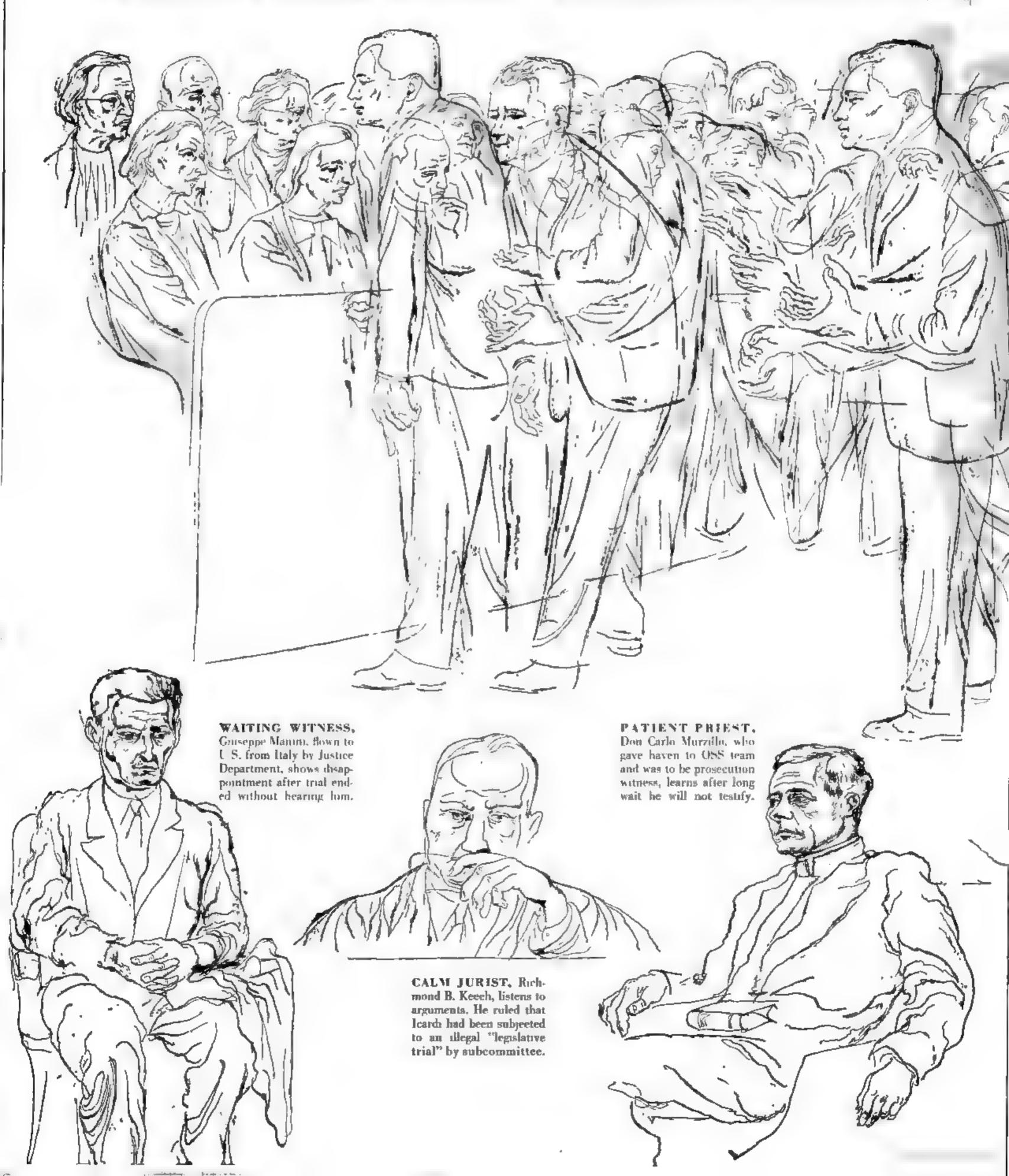
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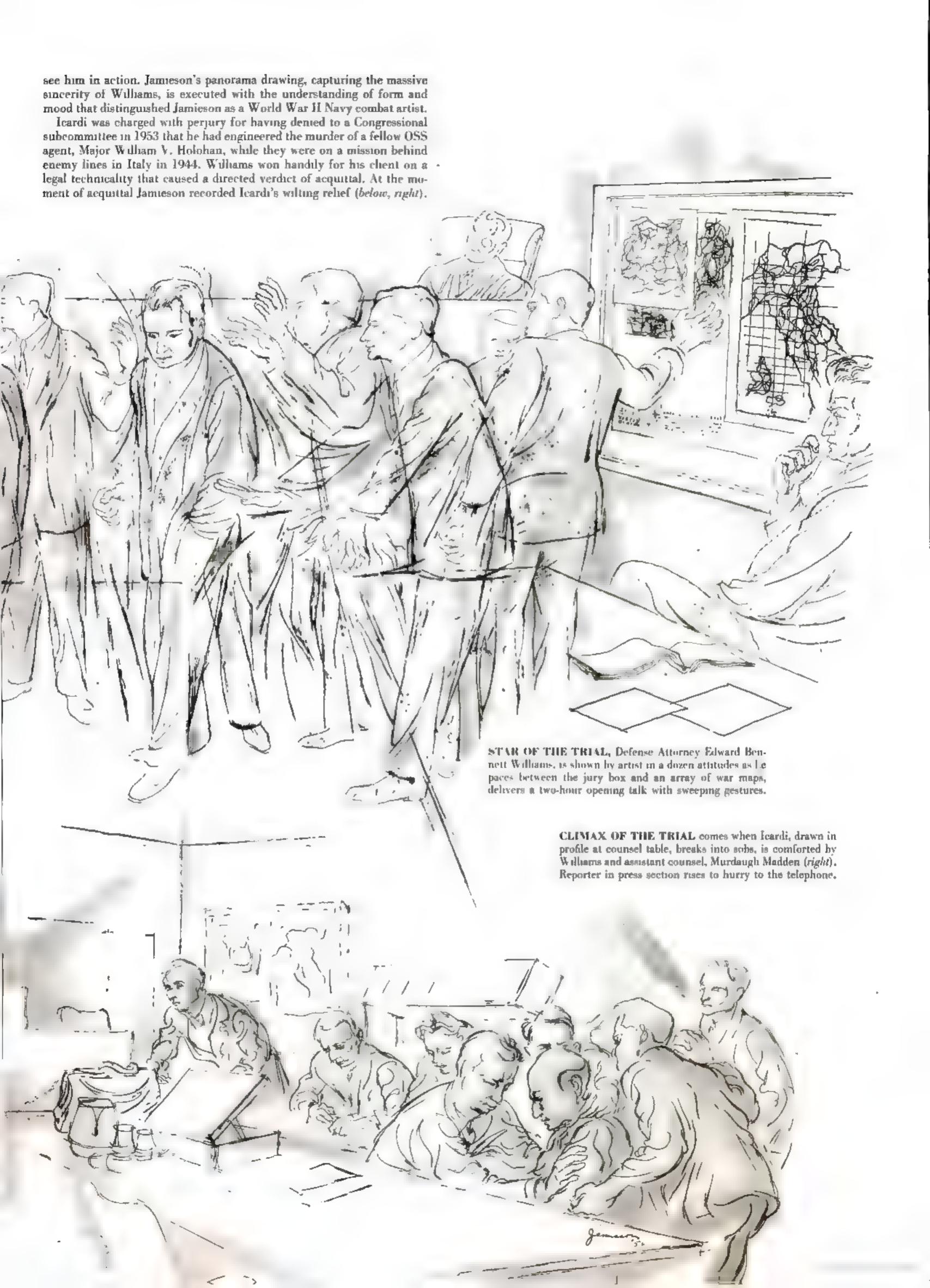


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Pen as Camera

A MULTI-EXPOSURE SKETCH SHOWS A BRILLIANT ATTORNEY IN ACTION As they are in most court proceedings, cameras were barred from the recent Washington trial of former OSS Lieutenant Aldo L. Icardi. Commissioned by Life to cover the trial, Artist Mitchell Jamieson used his sketch pad as a photographic medium. "I swept the courtroom as a camera would," he said, "fastening sometimes on a close-up and sometimes on an entire scene." His big drawing takes the form of a multiple exposure, recording the pacing, pounding opening statement by the 35-year-old defense attorney, Edward Bennett Williams, whose brilliant record as a trial lawyer brought brother lawyers crowding into the courtroom just to





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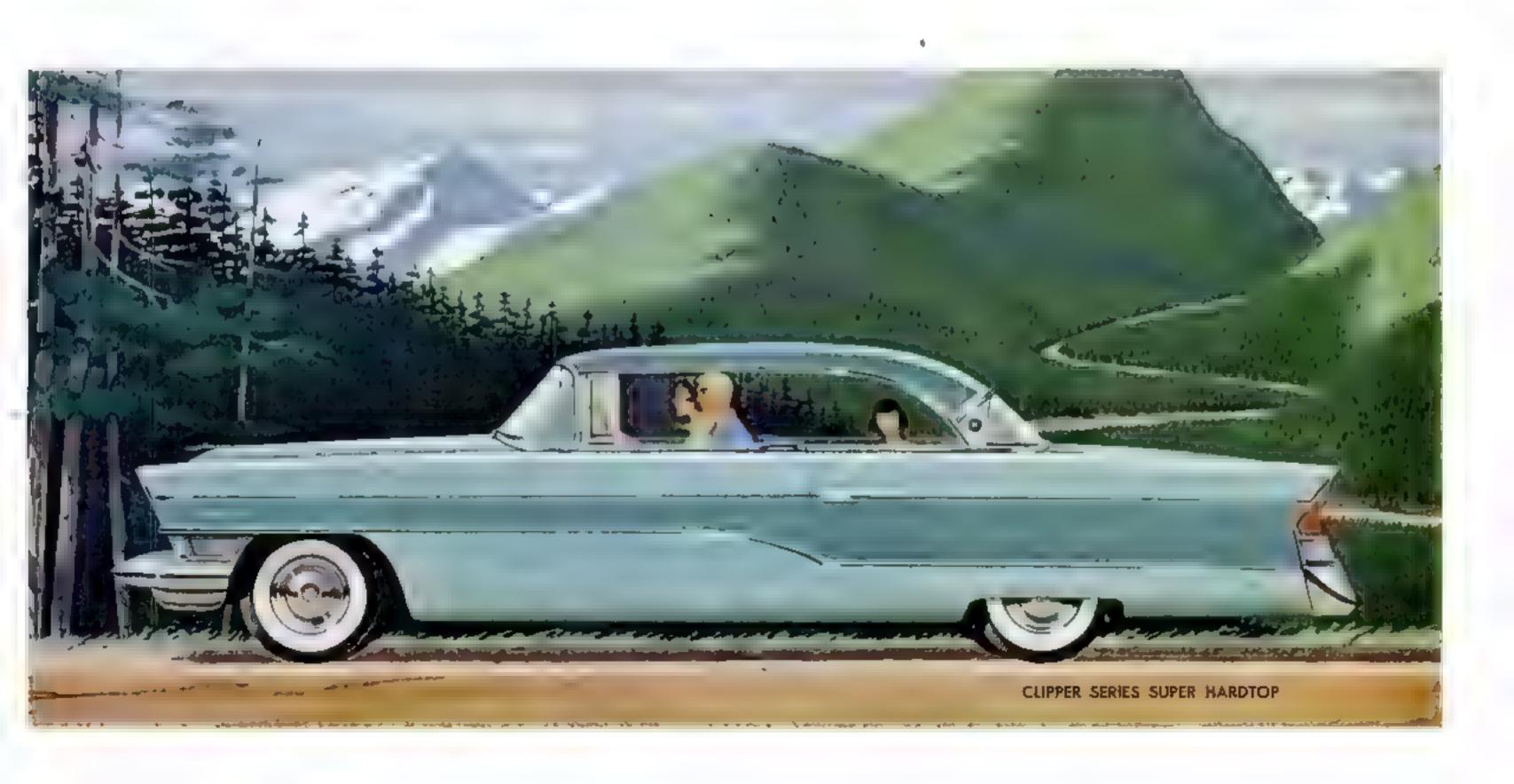


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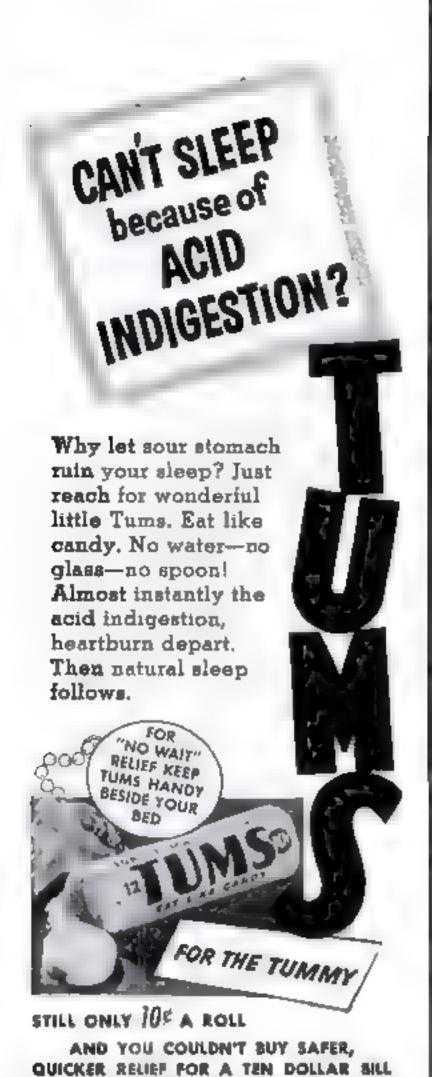


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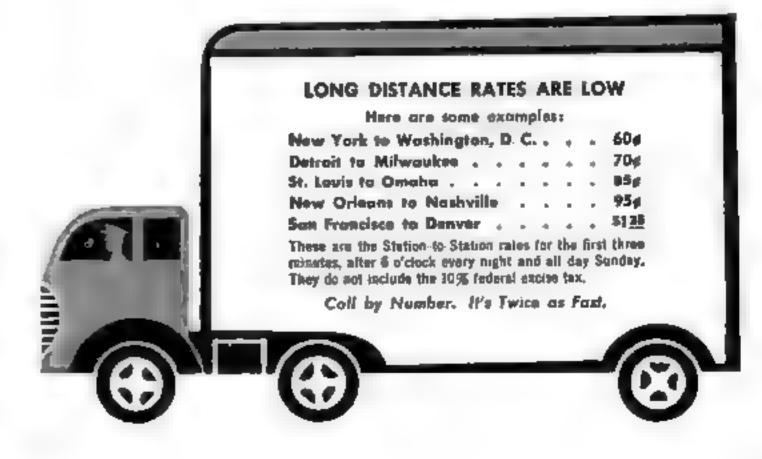
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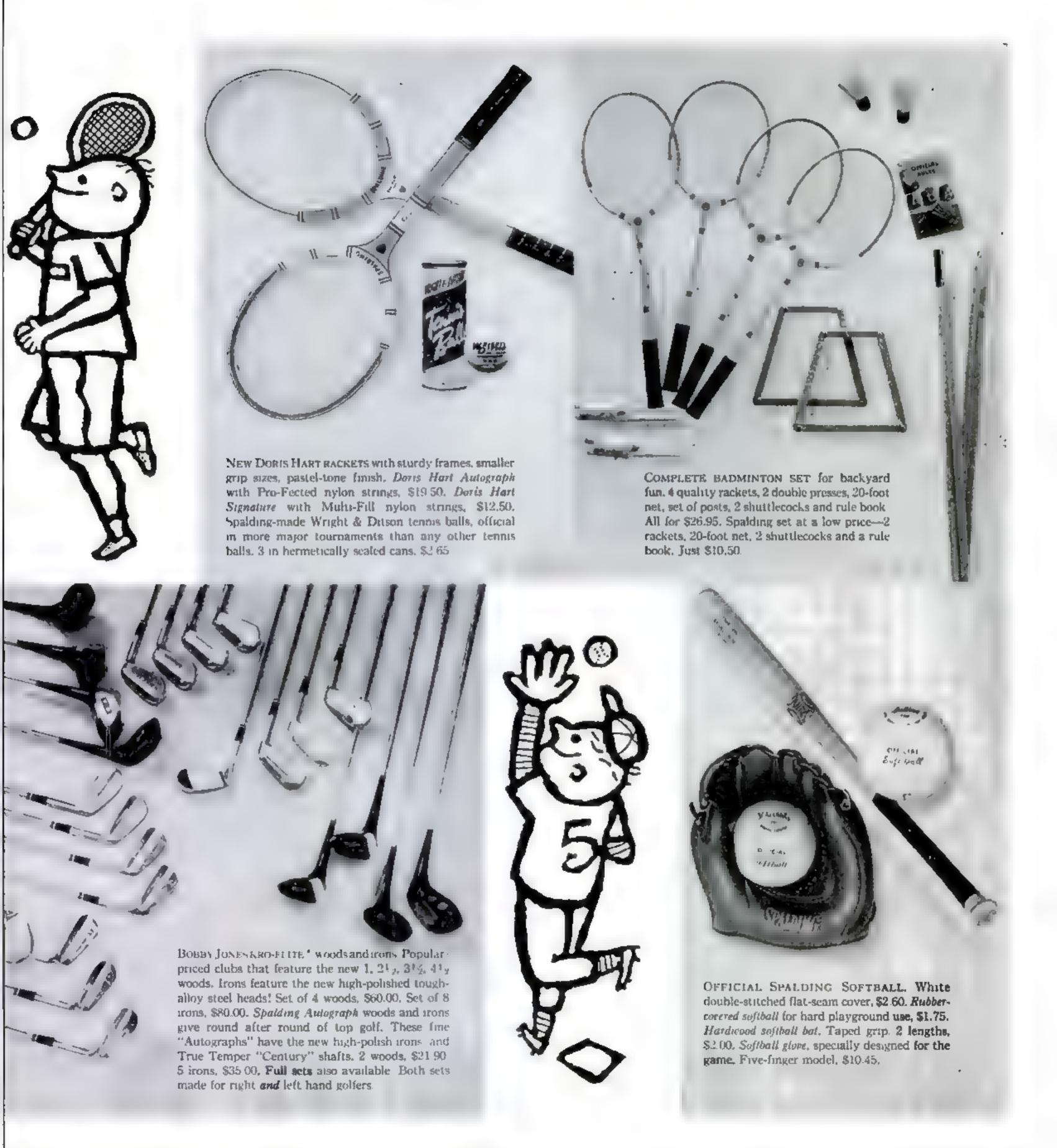




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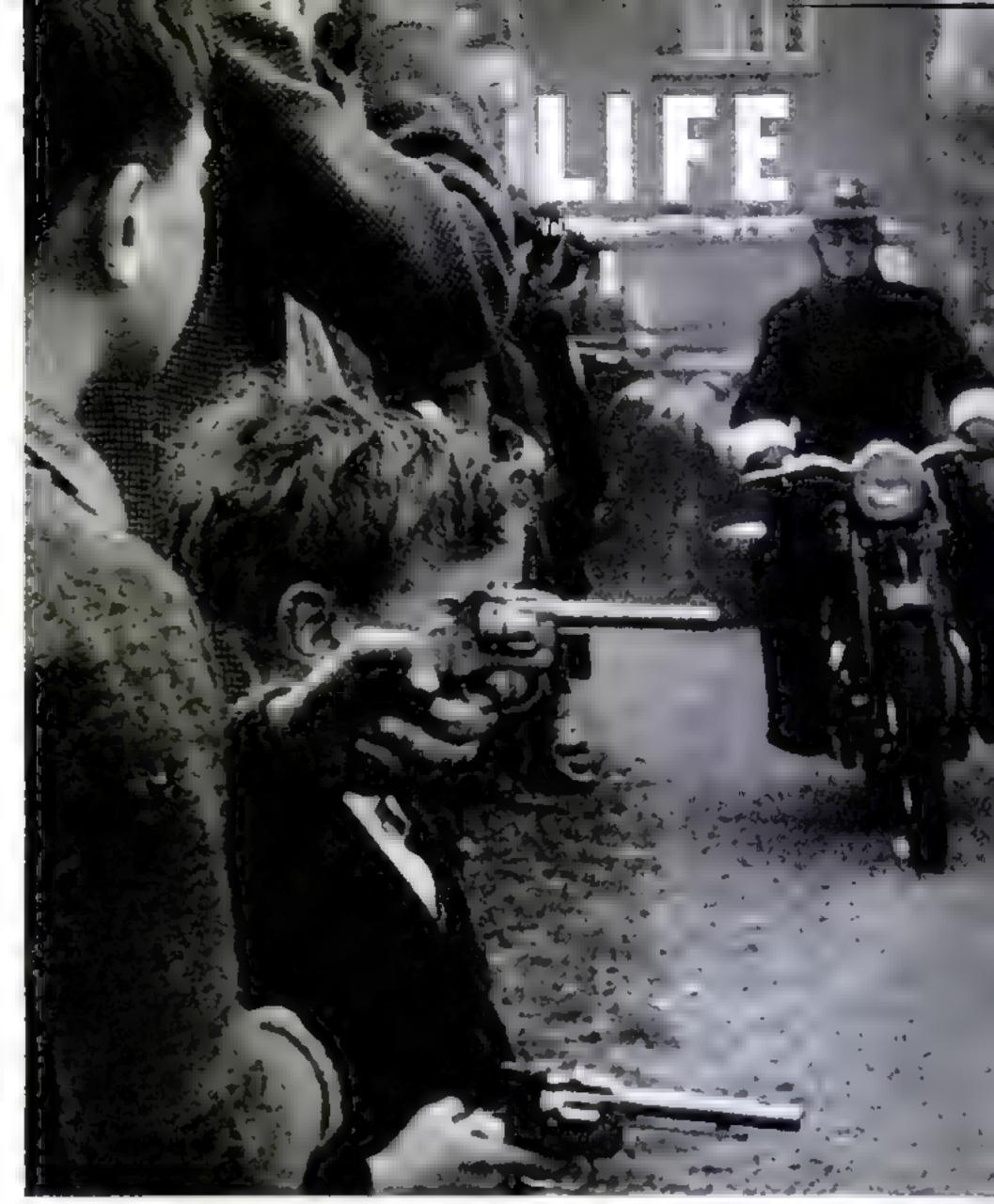
SETS THE PACE IN SPORTS



BOXER'S HIGH SIGN is Khrushchev's unknowing reply to ironic "Poor Old Joe" chant at Oxford.



STUDENTS' GAG proposes odd pedagogical candidate. Crowd awaits B & K but they went elsewhere.



PISTOL-PACKING YOUNGSTERS IGNORE MOTORCYCLE POLICE GUARD AND POINT THEIR TOY WEAPONS

WARNING TO B & K OF

In Britain last week two itinerant troupers, pauntily dubbed B & K by their hosts, faced an audience whose reactions ranged from indifference to hostility. Nevertheless, Russia's Premier Nikolai Bulganin and Communist Party Boss Nikita Khrushchev, old hands at the glad hand, were trying hard to make a hit.

The Russians came bearing gifts chosen with

care: horses, sables and a roly-poly present for the royal family (p. 33). At 10 Downing Street their manner was frank and apparently reasonable. In public they were bluff, good humored and man to man.

One unsophisticated lad mistook Bulganin for Santa Claus. But unlike the gullible crowds that greeted B & K in Asia, the British mostly



BITTER HANDBILL is displayed on London street. B & K, then on a visit to the queen, never saw it.



JEERING SCOTS, armed with derisive placards, block mounted policeman during Edinburgh vis t



AT LIMOUSINE TAKING BULGANIN AND KHRUSHCHEV FROM A VISIT TO EDEN AT HIS COUNTRY ESTATE

MORE TROUBLE AHEAD

sat on their hands or used them for unfriendly gestures. At Oxford B & K were ribbed by students. In the streets grim *émigrés* petitioned for redress of Red wrongs in eastern Europe. In Birmingham and Scotland they were jeered.

At first B & K took it well. When one man shook a fist at him, Khrushchev shook his back and grinned, "We understood each other." But the hostility, produced both by distrust of the team's smiling make-up and by memories of their one-time boss Stalin, got under Russian skins. Khrushchev began to slip at Birmingham when he clumsily brandished the threat of their H-bomb. Next day he made a blunder (pp. 30, 31) that may have wrecked Soviet plots to promote popular front governments in Europe.



PLEA FOR HOMELAND is carried by Czeclis in a London protest parade by 20,000 European émigrés.



REMINDER OF STALIN moves along above paraders. The exiles marched adently and "in mourning."



INDIAN GREETING, learned on visit to Nebru, is given by Bulganin when Oxonian speaks in Russian.



EXILES' WARNING is brandished by the Poles who have the largest refugee population in Britain.



DINNER WITH POINTED QUESTION Sitting down in during of Commons, the Laborites and Russian guests were anneable at bist. Left to right sat Labor Chief High Gait-kell. Bulganin's interpreter O. A. Troyanovsky,

Bulgan in Labor Executive Clemman E. G. Gooch, Klirushchev interpreter Zliemele izhnikov and Laborite Morgan Pullips. The affair grew linter when Khrushchev scoffed at NVIO and Fiser hower, reached furicus. I max when Khrushchev reliufted baatskell's query about captive anti-Reds (of pisite page).

KHRUSHCHEV IN A BLOW-OFF, POPULAR FRONT IN



CONFRONTING A POLITICAL ANCESTOR OF COMMUNISTS AND SOCIALISTS, BULGANIN LOOKS UP AT THE KARL MARX TOMB IN LONDON HIGHGATE CEMETERY.











WHAT HAPPENED TO ANTI-REDS? Gaitskell asked Khrushchev to look into the disappearance or death behind Iron Curtain of democratic leaders. They included (left to right) Polish General Leopold Okulicki, jailed in 1945 in Moscow after fighting

Nazis; Czech Deputy Premier Jan Ursiny, sentenced in 1948; Bulgarian Agrarian Party Head Nikola Petkov, executed by Reds in 1947 and buried in a rude grave in Sofia; Romanian Trade Union Leader Ion Flueras, who died in prison in 1952; Czech Justice Minister Prokop Drtina, languishing in jail since 1948.

BLOW-UP

When the Labor party asked them to dinner, Bulganin and Khrushchev had an ideal chance to court the powerful opposition and to promote their policy of wooling socialists everywhere. Yet Khrushchev made this the

R. KHRUSHCHEV was angry. At the Labor dinner he refused rudely to have anything to do with the fate of the democratic leaders languishing in prison and concentration camps behind the Iron Curtain. He would not even look at the list of over 200 victims that Hugh Gaitskell proffered him, "Social Democrats," Mr. Khrushchev burst out, "are enemies of the working class. . . . I find it easier to get along with British Tories than with British socialists."

It was an extraordinary outburst. With his few remarks to the Laborites, Mr. Khrushchev ruined, for goodness knows how long, a main plank of post-Stalin Soviet foreign policy: the demonstrative wooing of the Socialist parties of Europe in order to form a "popular front" and undermine them from within. He alienated not only the British Labor party but also the socialists of France, Italy, Western Germany and other west European countries.

Why did Khrushchev do this?

The hindrances to a personal triumph for Khrushehev were the behavior of the British (shown on the preceding pages) and Khrushchev himself, Mr. Khrushchev does not mind being teased: it seems to make him conscious of his magisterial power. But as anyone who watched him in Belgrade last summer knows, he cannot stand being contradicted and heckled. As he felt the British coolness and heard the boos, he grew puzzled and cross.

Finally, I think, Mr. Khrushchev sumply showed himself in his true colors—as a natural bully with a gift for jollying other people provided he is getting his own way. When he is not getting his own way in Russia, Mr. Khrushchev bites. He could not bite in England, so he snarled.

All this, no doubt, caused him at Birmingham to make his first mistake, when he threatened the British with the superiority of Soviet atomic science. He put up the backs of the British and confirmed in their original ideas all who began to wonder if they hadn't been wrong about Mr. Khrushchev after all. This in turn helped to goad Khrushchev to the outburst at the Labor dinner when Mr. Khrushchev threw away all the goodwill he had been building up.

I think Mr. Khrushchev will be on the carpet when he gets home for letting his tongue run away with his judgment. But Mr. Khrushchev is a powerful man, extremely useful to the Soviet Union, which needs a dynamo and I think he will be forgiven.

For in spite of the throwing away of the British socialists, the visit has by and large not been a failure from the Soviet point of view. The Russians have to have a détente, a relaxing of international tension. The clamors of the people for a quiet and decent life are too strong to be resisted by anybody but a Stalin. And the public proclamation of friendship with an occasion for a big blow-up. Edward Crankshaw, British expert on Soviet affairs and author of "Cracks in the Kremlin Wall," here analyzes the blunder and its consequences for the cold war and Khrushchev himself.

old country like Britain is an easy way to popularity.

The problem of Khrushchev and Bulganin was to achieve this with a minimum of concessions. Mr. Khrushchev, I should say, is in a towering temper with England; if he had his way, he would see it at the bottom of the sea; he personally has been rebuffed, But Mr. Khrushchev is smaller than Soviet policy, which grows out of necessity. He and Bulganin had to give a little. They have had to admit a live-and-let-live policy about the Baghdad Pact. They have had to acknowledge that the British take the Middle East more seriously than they do (for Britain, Middle Eastern oil is a life and death matter; for Russia, Arab-Jewish hostility is merely a diplomatic game). They have had to concede a little about trade. This much sufficed.

As far as the Russian people are concerned, the visit can be presented as a great success. It can also be so presented to the satellites. The uncommitted countries will be able to read into the visit that Stalin's successors are indeed on the side of the angels.

On the debit side, the Chinese Reds will not be impressed; they have their own information and will know that Mr. Khrushchev personally got nowhere. This will also be clear to Mr. Khrushchev's jealous colleagues at home. Mr. Malenkov, no dynamo, but a far-seeing and subtle thinking machine, will doubtless be pleased. He did much better in London.

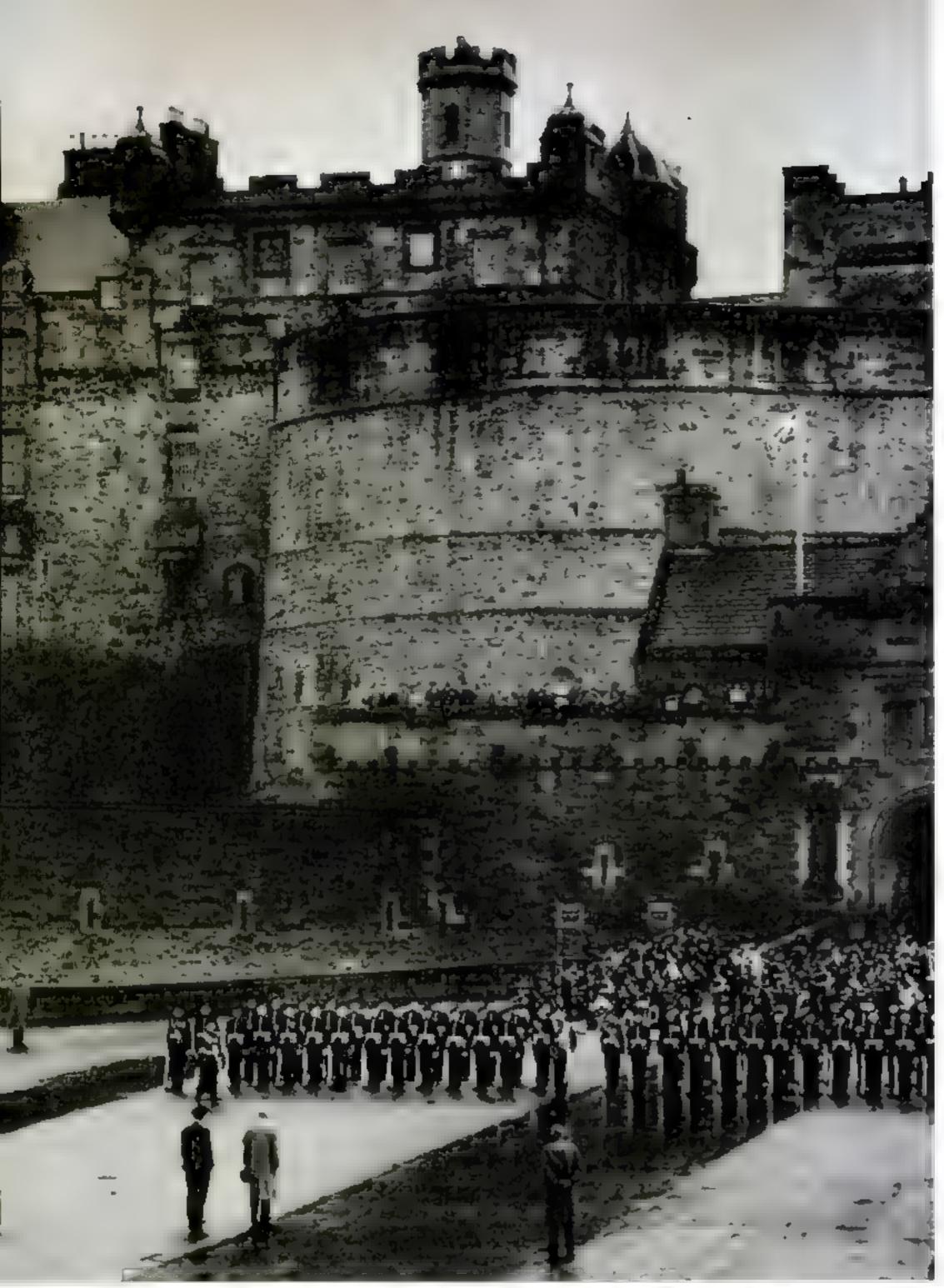
The West too can look back on the visit with modest satisfaction. The Americans, I hope, are no longer worried; the British have given nothing away. British worries are also allayed. There was a moment when I thought that Khrushchev would make an approach to the U.S. He might think that Tories are better than socialists in Britain—but not all that better. American capitalists are better than British Tories: there is no ideological nonsense about them. So let us do a deal with Washington and dish the British. It is an age-old Russian dream and still cherished in certain departments of the Soviet foreign office. But I think for the time being it is out.

As for western Europe, above all the socialist parties of western Europe, they have seen Mr. Khrushchev in action, and they have observed that in his behavior at the Labor party dinner he reacted like a Stalin. As for the general détente, that is in progress by, as it were, mutual agreement, and in the compelling shadow of the hydrogen bomb. Mutual selfinterest is the great savior from the bomb.

It is a commentary on the precarious situation in which we find ourselves today to say that what is regarded as a success by Russia may be regarded by Britain, acting in this case for the West as a whole, also as a success. Nothing has been given away. Mutual comprehension has come fractionally closer.



MARX DIED IN LONDON, MARCH 1883



MARSHALED FOR A MARSHAL, pipe and military bands of the Royal Scots regiment are reviewed





RUSSIAN BEARD adorns Soviet Scientist Igor Kurchatov visiting Harwell atomic center with B & K.



BRITISH BEARD is the pride of E. E. Orchard translating for Khrushchev, Britain's Selwyn Lloyd.



ISSUING COMMUNIQUE, Prime Ministers Eden and Bulganin sign, watched by Party Leader Khrushchev. Eden called talks "the beginning of a beginning."

BIG DOINGS AND A LITTLE BEAR

On a fast schedule, heavily guarded even before rumors of an assassination plot were in the air, the Russians sped around the United Kingdom. At Covent Garden Marshal Bulganin warmly applauded Ballerina Dame Margot Fonteyn. At a jam-packed Russian reception Khrushchev divided his time between talking disarmament with Harold Stassen and trading effusive compliments with Charlie Chaplin. At a press conference the pair made a fair impression with cagey replies such as, "Comrade Gromyko has gone gray answering questions" like whether Russia might sometime agree to inspection of atomic weapons.

The most tangible fruit of the visit was a communiqué which spoke well of disarmament but failed to spell out the how, which favored more trade but did not commit the British to relax the embargo on strategic materials, which committed both to seek Middle East peace but failed to pledge the Russians to stop arms sales to Egypt. And then, of course, there was Nikki (opposite page), B & K's special gift to Princess Anne. But after being seen once by his mistress, the two-month-old cub had to be sent to the zoo because the palace is no place for a bear, especially a Russian bear.





HISS IN A PUBLIC APPEARANCE THAT DREW YAWNS

In his first public appearance since he left pris- were strewn around campus, recalling evidence on 18 months ago, Alger Hiss leaned on the lecteen in Princeton's Whig Hall and answered students' questions before the American Whig-Chosophar (debatyag) Society. There was oppossition to his appearance and paper pumpkins

that convicted Hiss of perjuring himself about spying. In his speech Hiss said the Geneva conbrence provided a more realistic basis for peace than Yalta had. His unexciting remarks drew polite applause, no boos, a few yawns,



THE MOMENT A MURDERER HEARS THE VERDICT

In a moment of uncomprehending horror in a Dallas courtroom Charles Butler heard the verdict he was guilty of murder, sentenced to death, Sobbing he slumped over on his daughter, who clutched the arm of Defense Attorney Jimmy Wartin, A jury, on circumstantial. evidence, decided that Butler had killed his wife by bladgeoning her, cutting her throat,

A LOOK AT





THE WORLD'S WEEK





PLEASED ARAB ALLIES

In a royal palace at Jidda. Saudi Arabia, Egypt's Premier Nasser and Saudi Arabia's King Saudi strolled into a banquet hall to break the Moslem fast of Ramadan, celebrate the signing of a mutual defense pact with Yemen. The pact places the armies of the three countries under unified command, gives Nasser support in his opposition to the Baghdad Pact, to Israel and to British interests in the Arabian Peninsula.

RADIANT RUNNING MATE

Richard Nixon stood outside the White House with a broad smile over news he had just announced. Having met with the President he said he "would be honored" to accept the vice presidential nomination again. The President said he was "delighted" at Nixon's decision.



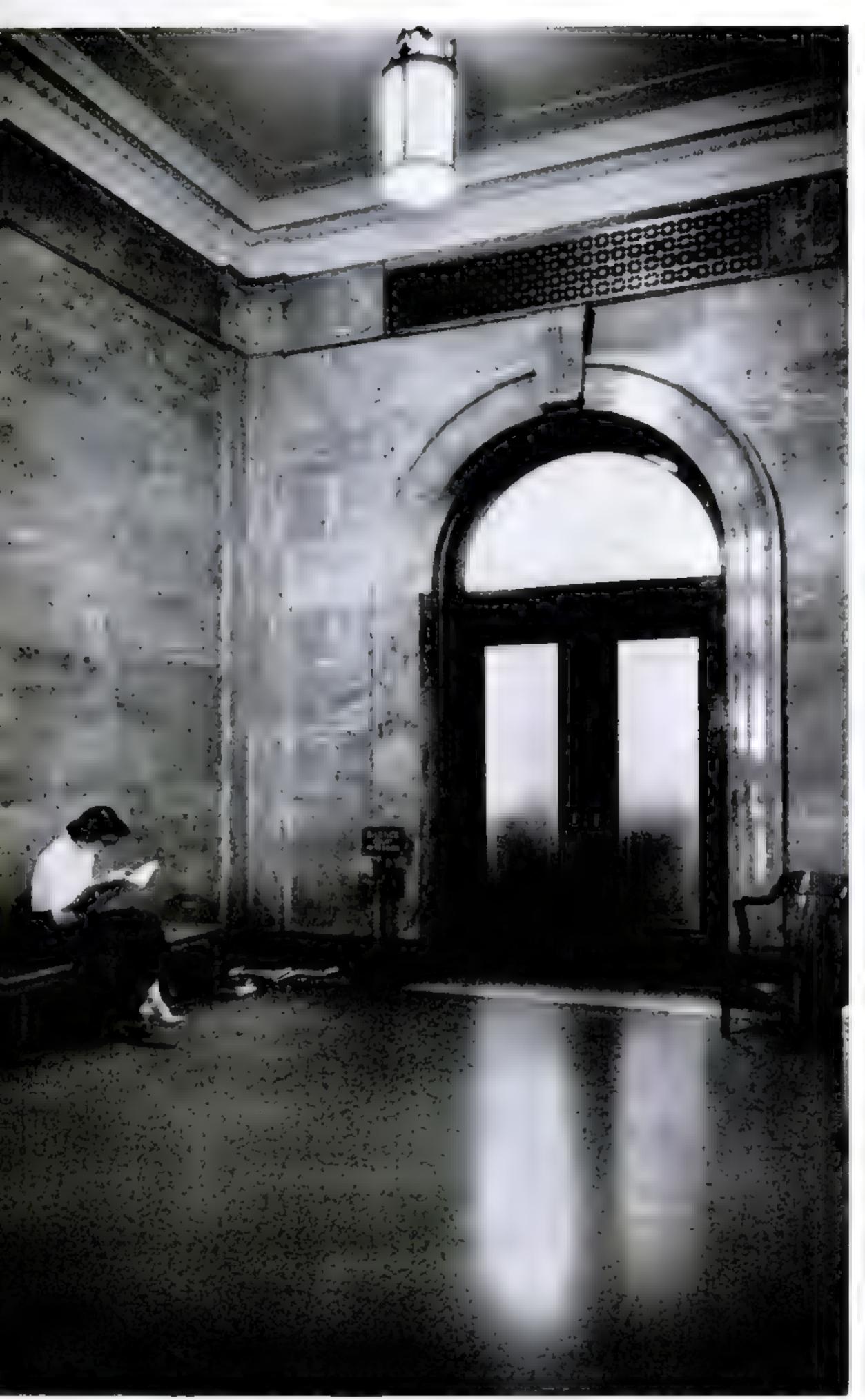
WINNER OVER A CHAMP

In Brockton, Mass. Mrs. Rocky Marciano announced a decision she had pushed her husband to make he would give up the ring and the heavyweight championship. She had pleaded with him for 18 months to quit while unbeaten, be with her and daughter Mary Ann, 312.



GRANDMOTHERS IN STYLE

A fashion show in New York showed that grandmothers look younger every year. In striped cotton similar to her daughter-in-law's and granddaughter's. Mrs. Orson Munn (left) paired off prettily with Mrs. Bruno Graf. in silk organza like daughter's and granddaughter's.



A LONELY VIGIL keeps Gloria Graham waiting outside the courtroom for a glimpse of her bushand. Gloria, who

hopes to be able to testify in his defense, says, "I can't believe he did this thing". He couldn't have done it "



AS JURORS IN BACKGROUND WATCH,



JUDGE McDONALD HEARS TESTIMONY



IN COURT, Graham is calm as an FBI agent tells how confession came about



WAS A TERRIBLE CONFESSION VOLUNTARY?

Judge rules it was in tense trial of John Graham, charged with blowing up plane in which 44 died

In a crowded Denver courtroom last week, a young man betrayed interest but no emotion while the prosecution made its case to convict him as the perpetrator of a ghastly airborne mass murder. John Gilbert Graham was charged specifically with the murder of his mother, Mrs. Daisie King, one of 44 passengers and crew who died when a DC-6B airliner exploded over north-central Colorado last November (Life, Nov. 28, 1955). Cameras, allowed in court by an unusual ruling, recorded the tense trial.

Outside the courtroom, waiting to testify as a defense witness, sat the woman who had unwittingly helped put the finger on her own husband. Gloria Graham had said her husband was going to put a Christmas present in his mother's suitease. Graham denied it but later signed a confession

that the present was in fact a homemade, dynamite-loaded time bomb. After a parade of witnesses, including a storekeeper who testified he sold Graham some dynamite, came a climactic moment in the trial: a fight over the admissibility as evidence of Graham's signed confession. Under Colorado law, a voluntary confession or an eye-witness to murder is required before the death sentence can be imposed. Graham had later made another statement that his confession was involuntary. But, questioned relentlessly by the chief prosecutor, Denver District Attorney Bert Keating, Graham-atill calm-admitted that if he had lied, it was in the second statement. Judge Joseph McDonald then ruled that the confession was voluntary. If convicted, Graham faced the gas chamber.



IN HIS CELL, Graham and court-appointed attorney, John Gibbons, plan his appearance on stand.



AT LUNCH, Graham jokes with guard. He attempted suicide in his cell, is not allowed knives, forks.



ON THE STAND Graham tries to identify piece of his mother's suitcase for Defense Counsel Cibbons.



EL PASO Negroes sit among whites as they have been doing for some years. After bearing of court decision, transit company painted out its. Colored Section" signs in bases. The segregation rule had not been scroully enforced.



TULSA A Negri stanos imong white passengers in fois, even though small sign at entrance to Is Negroes to go it rear. Drovers rar ly ask Negroes to vacate white area. Company issued no new distinctions to drivers may remove signs,



RICHMOND At a bar stop a newsboy banks papers that report little change in ballits of passengers of both races. Bus company instructed its drivers to discontinue entorcing segregation, leave seating to the passengers discretion.



SARA MAE BROWN, PLAINTIFF IN THE SUIT, IS PASSED BY A BUS OF THE COMPANY SHE SUED

AT MEETING IN A CHURCH ATTENDED BY 3,000, THE FIVE-MONTH-OLD BOYCOTT GOES ON AS



A MIX-UP OVER BUS MIXING

Misread high court ruling leaves segregation nearly intact

In the South, where the pattern of racial segregation is a crazy quilt of complexity and inconsistency, the issue of segregation on buses was snarled last week by legal confusion. The U.S. Supreme Court refused to hear the appeal of a Columbia, S.C. transit company in a damage suit brought by a Negro woman, Sara Mae Flemming Brown (left), who was ejected from a bus after sitting in a white section. This was a purely procedural decision that ordered a lower court to take up the bus segregation issue. While the order did pave the way for an ultimate ruling,

newspapers quickly misinterpreted it as an out-and-out ban on bus segregation.

Thoughtful lawyers spotted the blunder. But in the confusion bus lines in about 15 Southern cities ended racial barriers. Uncertain about what to do, some passengers quietly accepted integration but mostly the old seating arrangement prevailed. In Montgomery, Ala., whose huses have been boycotted by Negroes (below), the Chicago-owned city bus company dropped its segregation rule, was promptly warned by city otherals that drivers allowing integration face arrest.







TAMPA Negroes sit from rear of bus forward in compliance with Florida segregation law. A bus company official said that state law signs would not be removed from buses but that "we do not feel it is incumbent on us" to enforce them.



CHARLESTON Negroes set voluntarily in rear of a bus wheele in the others in city, has no "Colored" signs. Believing court had banned bus segregation, a South Carolina Citizens' Council leader called the decision "immoral."



LITTLE ROCK Some Negroes sit at the front of bus (left) after the transit company, hearing of ruling, announced it would "obey the law." Most Negroes, however, continued to observe the seat-from the rear custom.

THE 'TOTALITY' OF NATO

The NATO ministers are meeting in Paris at a critical point in its career. The Soviets have long sought to destroy NATO, and the closer it comes to being the means of actual German rearmament, the more they hate it. The new Soviet look, which has all but banished the fear of war from Europe, is doing more to undermine the NATO military alliance than Stalinism ever did.

To stem the decline of NATO, the President recently declared that our alliance system, "a collective shield against aggression," is the first guide line of U.S. policy; and Secretary Dulles advanced some fresh thoughts about NATO itself. He hopes it will now grow into "the totality of its meaning."

What is this "totality"? Though a military alliance, NATO's charter also contains in Article II an invitation to closer political and economic ties among its 15 member nations. The Canadians, its chief authors, have long urged the implementation of Article II; recently they have been joined by other leading NATO men, such as Lord Ismay and General Gruenther, Adenauer and Mollet, Gronchi and Spaak. In his speech before leaving for Paris, Mr. Dulles listed some of the things the NATO nations have in common; religion and morals, democracy and law, freedom of thought, private property and trade. But the question of how to turn these abstract ties into concrete links is something else again.

At one extreme are Clarence Streit and his fellow advocates of a full federal Atlantic "union of the free," a version of world government. The Streit resolution (sponsored by Senator Kefauver) asks for a transatlantic convention to explore the problems of union, a cautious approach which has won it some politically responsible support. But worthy as it may be of theoretical discussion, "Atlantic Union" is unlikely to get further than that at a time when Western civilization does not feel its back to the wall. Certainly those who fear such a union need not let it haunt their opinions of Article II. At the other extreme are a lot of little ways to implement Article II, mostly technical and economic, and mostly explored already by NATO's own council and secretariat with meager results. But this need not foreclose the further exploration that Dulles seeks. Since economic strength underlies military, there is an argument for making NATO a funnel for economic development. North Africa, for instance, needs more public and private capital than France alone can afford; and North Africa is vital to NATO's strategic boundaries. These boundaries contain other politico-economic problems, such as Europe's oil supply, which might be better handled by the concerted members of NATO than by one or two.

Thus Article II is pregnant with possibilities; but whatever discussion may produce, it must not emasculate Article V. This, the military defense pact, is the heart and chief purpose of NATO, if not its "totality." As such it is a proved success, If the Russians can no longer "march to the channel in two weeks" (as it was thought they could in 1949) NATO is the chief reason. As long as the Soviets have four million men under arms, it would be the height of folly to make NATO the victim of its own success. Khrushchev's brandishing of H-bombs in London last week (see pp. 28, 29) showed that its main purpose is far from obsolete. There is danger that NATO, having barely achieved honhood, may turn itself into a milch cow instead.

For the U.S., NATO is the strongest link in that system of military alliances which Dulles partly inherited, partly helped to build. Despite vaporish complaints of our military "overemphasis," these alliances need no apology; our "collective shield" needs strengthening instead. To NATO we owe the continued assurance that we will not only consult, cooperate and develop closer ties, but stand in strength beside our allies against external danger. Only thus do we earn the right to ask them to do the same.

IS THRIFT UN-AMERICAN?

"Out here in Texas," that big wheeler-dealer Sid Richardson once remarked, "we judge a man's wealth by how much he owes." Judging from the current FORTUNE and last week's Wall Street Journal, this habit is no longer confined to debt-ridden millionaires but is spreading rather alarmingly through suburbia. So much that FORTUNE'S William H. Whyte Jr. even asks, "Is thrift un-American?"

His study of the budgets of 83 young couples in the \$5,000 to \$7,500 bracket convinces him that nearly all have succumbed to "budgetism"; they have hocked their incomes so far in advance that they are always strapped for cash (a typical example: of \$500 monthly gross income, \$45 is left after all set-asides, including food and lunches—but no savings). "The overriding aim is to have oneself committed to regular, unvarying monthly payments on all the major items . . . a smooth, almost hypnotic rhythm so compelling that suburbanites will go to great lengths to gear any expenditure to it." Along with this obsession for assuming debt goes a disregard for cost; few even notice or remember the total price; "ask them how much a certain object costs and the response may be, say, '\$12.73 a month.' " They do not notice that their department store budget account piles up 12% to 18% interest; in buying autos "they almost never multiply to find out how much of a 'pack' the dealer is taking them for." Not only thrift but ordinary Yankee shrewdness seem to have been replaced by a genial and willing gullibility.

The Wall Street Journal has been sampling a higher echelon

of debtors—the \$13,000 to \$17,000 junior executives whom older settlers deride as "nickel millionaires" because they are living very high on a shoestring. "I am a nickel millionaire and I know it," says B. "I'm not proud of it but I'm not ashamed of it either. It's just my way of life—and I've got a lot of company."

The Bs, together with the As and the Cs, are paying off a total of 15 loans; their three incomes are \$45,000, their total debts \$90,000. All refuse to worry about an economic skid; B. who has never voted for a Democrat, nevertheless counts on government to forestall any sharp swings downward in general prosperity. C does have some misgivings about "this phony existence" and the time "when this house of cards comes tumbling down" but adds, "I've got to live this way; I'm caught up in it and can't seem to let go."

Does all this mean the republic is crumbling? Fortunately, the great majority of Americans are not up to their necks as deep as the nickel millionaires; instead of owing twice their incomes, the national average of debt is 40% of income. Still, the trend is enough to indicate that the American character has changed. It is still honest enough—these debtors meet their payments on the nail—but, says Whyte—people "no longer...identify saving, as [they] once did, with morality." No doubt a continuous prosperity, though spendthrift, is preferable to an economy thriftily moral, though lean. Nevertheless, that prosperity would seem more soundly shored if, by a saving grace, more of us had the grace to save.



Soup and a sweet



a pleasant treat!

Do you go for desserts—in a big way? Get terribly hungry for cake, pie or ice cream? Well, this is one way to have your cake and watch your waistline, too.

Before your sweet — have a good soup! Campbell's Vegetable Soup, for instance! There's a lunch that satisfies any weight watcher's conscience. It brings you the vitamins, minerals and proteins of 15 country-garden vegetables, carefully cooked in a seasoned broth that is distinctively Campbell's. Yet a regular 7-oz. serving of vegetable soup is low in calories. Still room for a dessert.

So next time you feel like a sweet, have it - but have soup first. The combination makes great eating.

GOOD SOUPS WITH SWEETS

Beef Chicken
Beef Noodie Clam Cl
Chicken with Rice Torrato
Chicken Gumbo

Chicken Noodle Clam Chowder Tomato Scotch Broth Vegetable Vegetable Beef VEGETABLE SOUP

Campbells

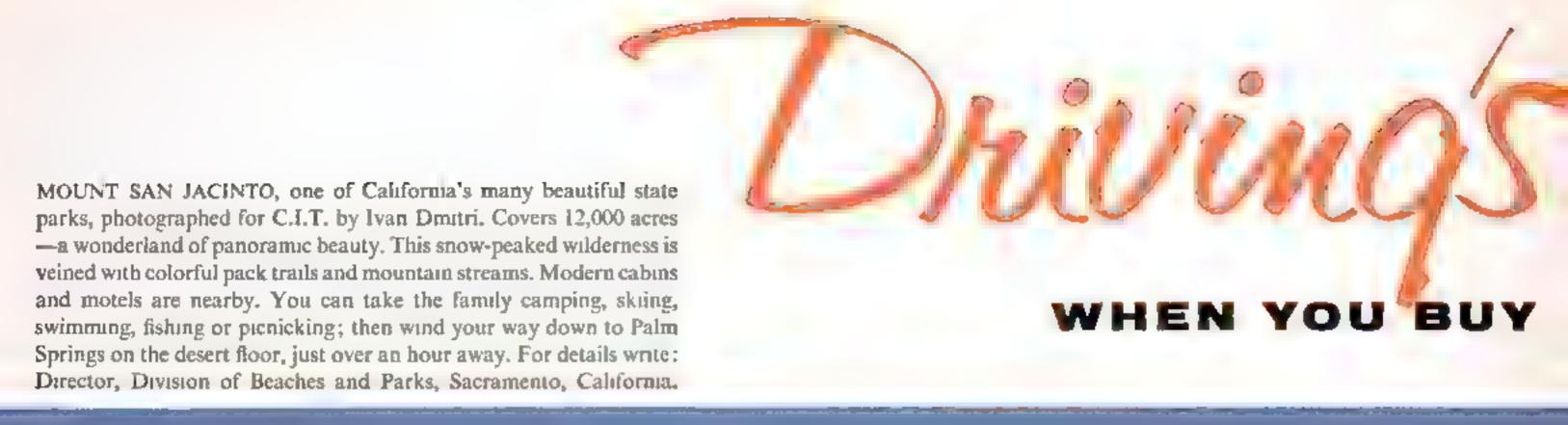
VITAMINS, MINERALS and LIQUIDS

—for general well-being

PROTEINS—for upkeep and growth

CARBOHYDRATES—for energy

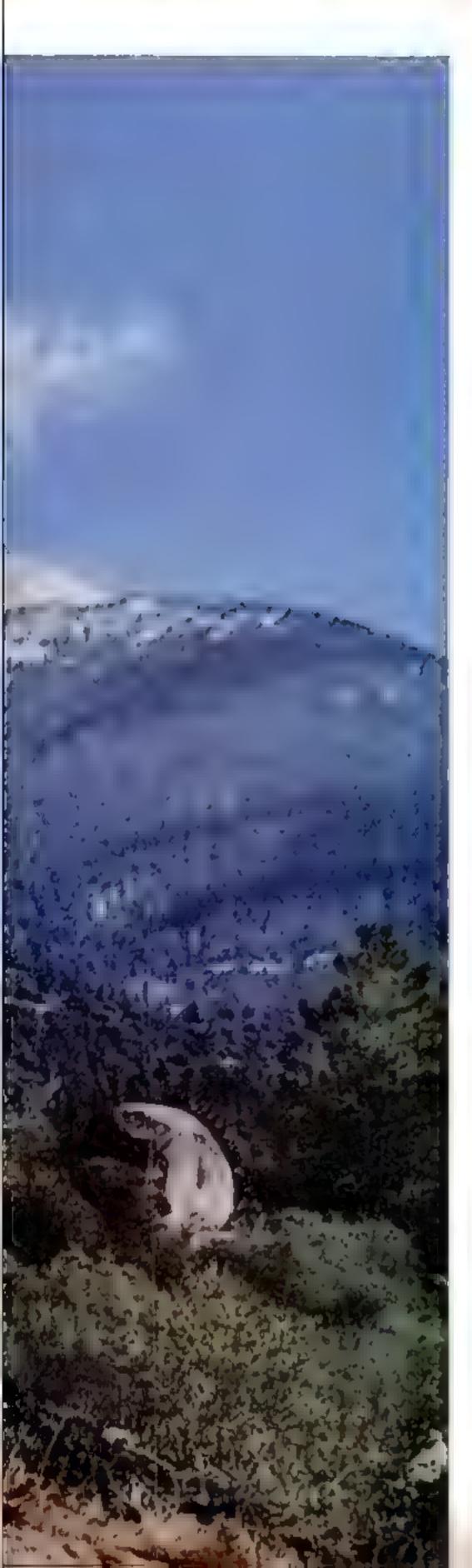
Once a day . . . every day . . . SOUP!







YOUR CAR ON THE COMPLETE C. I. T. PLAN



You and your family get extra protection when you buy your car the C.I.T. way-in regular monthly payments out of income. Your car dealer can arrange everything on the C.I.T. Time Purchase Plan, and all these protections can be yours from the moment you receive the keys to your new car:

YOUR CAR PROTECTED FROM COLLISION LOSSES. If you should have an accident, under the C.I.T. Plan you may have your own car dealer make the repairs promptly, with genuine factory parts and approved service methods. No need to shop around for bids or estimates. No second-rate repairs. Fastest claim adjustment service, too.

FURTHER PROTECTIONS TO YOUR CAR. You are protected in case of fire, theft, malicious mischief, vandalism, flood, explosion, riot, pilferage and many other causes of loss.

TOWING AND ROADSIDE HELP. If you or any member of your family should run out of gas, have a dead battery, flat tire, starter failure, or any other breakdown on the road, you simply call the nearest service shop, get a receipted bill, and you will be reimbursed up to \$10 for service and labor.

ESTABLISHED CREDIT WHEREVER YOU DRIVE. Anywhere you travel in the United States or Canada, you have full credit for any emergency repairs required by your car. No need to dip into travel funds or try to cash checks. The nearest C.L.T. office pays the repair bill for you. You repay in convenient monthly instalments.

HELP IN LEGAL DIFFICULTIES. If you or any member of your family are held on traffic charges, the C.I.T. Plan enables you to obtain a bail bond up to \$5,000 at no additional expense; saves delay, embarrassment, money. (Unavailable to California or Canadian purchasers.)

CASH BENEFITS IN PERSONAL ACCIDENTS. You are covered in case of your death or loss of sight or limbs arising from many common traffic accidents, as specified in a Limited Travel and Pedestrian Accident Policy. (Unavailable to California or Ohio purchasers.)

LIFE INSURANCE. If you should die from any cause while this insurance is in force on your life, your family will own your car free and clear without further payments.

All these protections will help you enjoy carefree driving. Over fifteen million people have had them when they bought their cars out of income on the C.I.T. Plan. You can get this low-

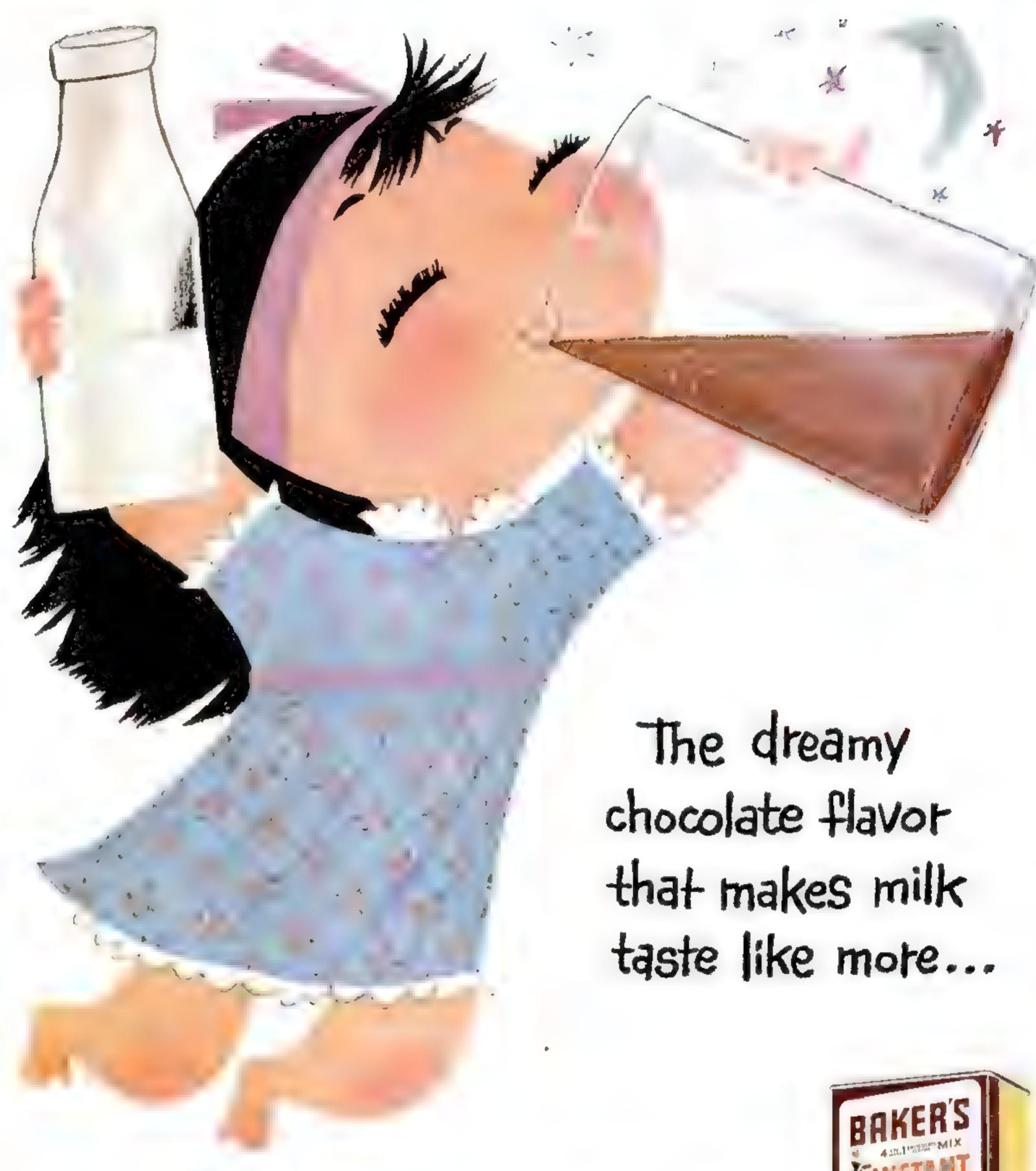
cost financing and protected transportation through your car dealer no matter what make of car you buy. Ask for the complete C.L.T. Plan when you buy your next new or used car.

> LOOK FOR THIS SYMBOL WHEN YOU **BUY YOUR CAR**



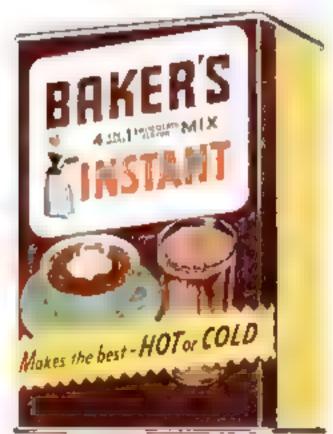
SINCE 1906

Offered by franchised dealers through UNIVERSAL C.I.T. CREDIT CORPORATION In Canada: Canadian Acceptance Corporation Limited



BAKER'S INSTANT->

Only BAKER'S gives milk that favorite "milk-shake" flavor... hot or cold!



NINE SAILORS NOW ARE FOUR

A Russian abduction is charged

Six months ago nine young Russian sailors arrived in New York from Formosa. They had asked for and been granted asylum in the U S after their ship, a Soviet tanker, was intercepted by the Chinese Nationalists. Last week only four were still in the U.S. The rest had been hustled out by Russian agents (below) and were now back in the U.S.S.R.

At a Moscow press conference last week the five repatriated sailors declared they had returned of their own free will, "A lie," said the four survivors, testifying before a Senate internal security subcommittee investigating the affair. Evidence indicated that the missing five had been virtually kidnoped by the Russian secret police. Despite constant pressure all of them up to the last minute had expressed their determination to stay in the U.S. One of them was even about to be married

The State Department took the unusual step of reprimanding Arkady Sobolev, Russia's chief UN, delegate, for having engineered the abduction. It then expelled two of his assistants,



THE NINE REFUGEES wave on New York arrival last October. They are (left to nght) Alexander Shirm, Ben Ermenko, Nikolai Vaganov, Valentin

Lukashkov, Victor Solovvey, Victor Tatarakov, Mikhail Shishin, Victor Ryabenko, Mikhail Iyankov-Nikolov, Their sponsor is Church World Service.



FIVE WHO WENT are (from left) Lukashkov, Shishin, Shirin. Ryahenko and Vaganov. The first three had portraits maile by commercial photographer. Other two were photographed at a party given for the sailors by Russian delegation.

EXIT WITH FLOWERS is staged by Russian U.N. officials who escort Lukash-kov (*left*) and Vaganov to plane. At right rear are Alexander Guryanov (*left*), Nikolai Turkin, the Soviet U.N. officials expelled from U.S. for aiding in abduction.





GOOD NEIGHBOR of the two seamen was Mary Balew, 19. Father (background) was born in Research

I'LL BE IN SIBERIA... OR THEY'LL KILL ME

From the moment of their arrival the nune sailors lived constantly in the shadow of the Russian secret police. "For six months they were followed. says Mary Bajew (above), who got to know Victor Ryabenko and Nikolai Vaganov as neighbors in Paterson, N.J. "At dances Victor was given letters or found them in his pockcts. They were signed by his mother. All of them said that everything would be all right if he came home." But Victor thought that they were written much too well to be from his mother. "If I go back," Victor told her, "T'll be in Siberia—or they'll kill me."

Victor would tell Mary of going for walks and being followed by a pair of stocky, well-dressed men. One night he burst into Mary's home with his overcoat slashed and his chest bleeding. He had been knifed in the street outside his boarding house and only the heavy cost had saved his life.

Perhaps it was this incident which finally cracked victor's determination, for a week later both of the sailors suddenly vanished from their rooms, leaving a litter of personal belongings behind them. Only afterward did Mary learn that they had gone to the Russian U.N. headquarters in New York and had remained there incommunicado for several hours before being flown to Russia.

Meanwhile the four survivors went to Washington, where Soviet Ambassador Georgi Zarubin, undeterred by the State Department's recent rebuke to Sobolev, demanded an interview with them. But although he spent an hour and a half urging them to leave the U.S., the effort got him nowhere. "Never," they told him firmly, "we want to stay here forever."

Russian Sailors CONTINUED



ABANDONED POSSESSIONS, left scattered about the room after the two seamen were smuggled away.

include Russian Bibles, a torn portrait of Victor Ryabenko and a pamphlet on the good life in U.S.



SEAMEN'S HOME was behind house of the Was-sily Kowelews in Russian quarter of Paterson, N.J.



TORN SHIRT, found bloodstained in their room, is displayed by landlords, who had since washed it.



STAUNCH SURVIVORS (left to right), Mikhail Ivankov-Nikolov, Victor Solovvev, Victor Tatami-

kov and Ben Ermenko, stroll through Washington, D.C. after spurning Russian Ambassador Zarubin.

Which Bedroom is Yours?



Weary, rest ess breathing sultry, oppressive, impure, lifetess air. Doomed to another sweltering. steepless night-no rehef a sight. It's easy to see that there is no air conditioning in th a bedroom.



Relaxed, enjoying sound sleep . . . refreshingly cool and breathing the purest, dust- and pollen-free air possible, because the room air conditoner is a new Electronically-Advanced RCA WHIRLPOOL

New RCA WHIRLPOOL Electronic Filter Air Conditioners set new standards for cool, refreshing sleep!



Never before has a room air conditioner offered so much for hot weather relief and year 'round comfort! New 1956 RCA WHIRLPOOL Electronic Filter Air Conditioners are the first to purify air electronically! They're the first to bring you air that's mountain-top pure, draft-free, temperature-controlled, and correctly humidified every day of the year!

The RCA WHIRLPOOL Electronic Filter Air Conditioners refresh you with delightful, balanced cooling in hot weather, and give you gentle warmth with controlled ventilation in chilly weather. And they promise blessed relief for sufferers from hay fever and other airborne allergies.

Experience what these vital benefits can mean to you and your family, today. See the exciting new 1956 models of RCA WHIRLPOOL Air Conditioners-first to bring you the sensational new ELECTRONIC FILTER!

Only an RCA WHIRLPOOL Gives You All These Advantages

- New Electronic Filter
- Automatic Thermostat for constant temperature control at your comfort level
- · Air Velocity Control for infinite · Decorator colors. Inconspicuous degrees of cooling
- Easiest operation with push-button controls concealed in "Climate Tuner" panel.
- "Directionaire" Grille circulates draft-free air where you want it
- · Whisper-quiet"Hush-a-Bye" fans
- flysh mounting
 - "Heart-of-Cold" compressor with 5-year warranty



- AUTOMATIC WASHERS DRYERS
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Products of MINIPPOLATEGEN COMPONATION

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THE GREAT BERLIN TUNNEL MYSTERY



FROM SPOT NEAR RUSSIAN END OF TUNNEL EAST GERMAN POLICE KEEP AN EYE ON U.S. RADAR STATION



GUARDING TUNNEL, East Cerman rop points to American en l. Der sive sign, placed by Russians, reads "You've low entering the American sector."

officer standing in hole near the fainnel. He explains his men found taps during routine check.

Russians accuse U.S. of tapping wires, but Germans applaud try

Last week in Berlin the Russians were howling with righteous indignation. Ten feet below ground, next to a cemetery in their own sector, they uncovered a tunnel which led into the U.S. sector of Berlin. The pumps and ventilating equipment in it all had U.S. labels proof, the Russians eried, that it had been dug by the U.S. to spy on them. They led newsmen to a room crammed with British-made wire-tapping apparatus and a tape recorder. The taps were fastened to three underground cables—two belonging to the East German government and one used by the Red army, presumably to connect Berlin headquarters with Moscow.

When they weren't complaining, the Russians were full of frank respect for whoever had installed such a set-up right under their noses. They thought the tapping had begon in 1954 when U.S. forces constructed a small radar station near the East Berlin border. The tunnel led toward the radar station which, the Russians implied, had been set up largely as a cover for the wire-tapping

U.S. officials in Berlin dismissed Russian spy charges as indiculous." But West Berliners, who sometimes feel the U.S. shows too little initiative in its cold war with the Reds, were proud and delighted. They guessed the U.S. must have overheard a lot in the two years the tunnel lay hidden. Said one West Berlin cop to an American friend: "It's a pity they found it but I hope you have some spares."





set the stage for happiness ahead...give her a 🖳 🦰 🥌 🧮

Is she just leaving Junior High school? Then's when her grownup side begins to show and she wants a Lane—to lock away private treasures, personal mementoes and keepsakes—to keep her new wool skirts and cashmeres in apple pie order.

Is she getting ready for her diploma? She'll love having a Lane for trousseau collecting now, while she plans for her bright future.

Later, she'll use her Lane as the first piece of furniture in her new home — to store household treasures in scented safety.

Why don't you take your daughter to see the big selection of styles at fine furniture and department stores today?

Lane Cedar Chests start at *49%

Over 100 styles and finishes • Also makers of Lane Tables • Easy Terms

Lane is the ONLY pressure-tested, aroma-tight cedar chest. Made of ½-inch red cedar in accordance with U. S. Government recommendations with a free moth-protection guarantee, underwritten by one of the world's largest insurance companies, issued upon proper application. Helpful hints for storing are in each chest. The Lane Company, Inc., Dept. L. Altavista, Va. In Canada: Knechtefs, Ltd., Hanover, Ontario.





Arizona Interlude by The Wigwam

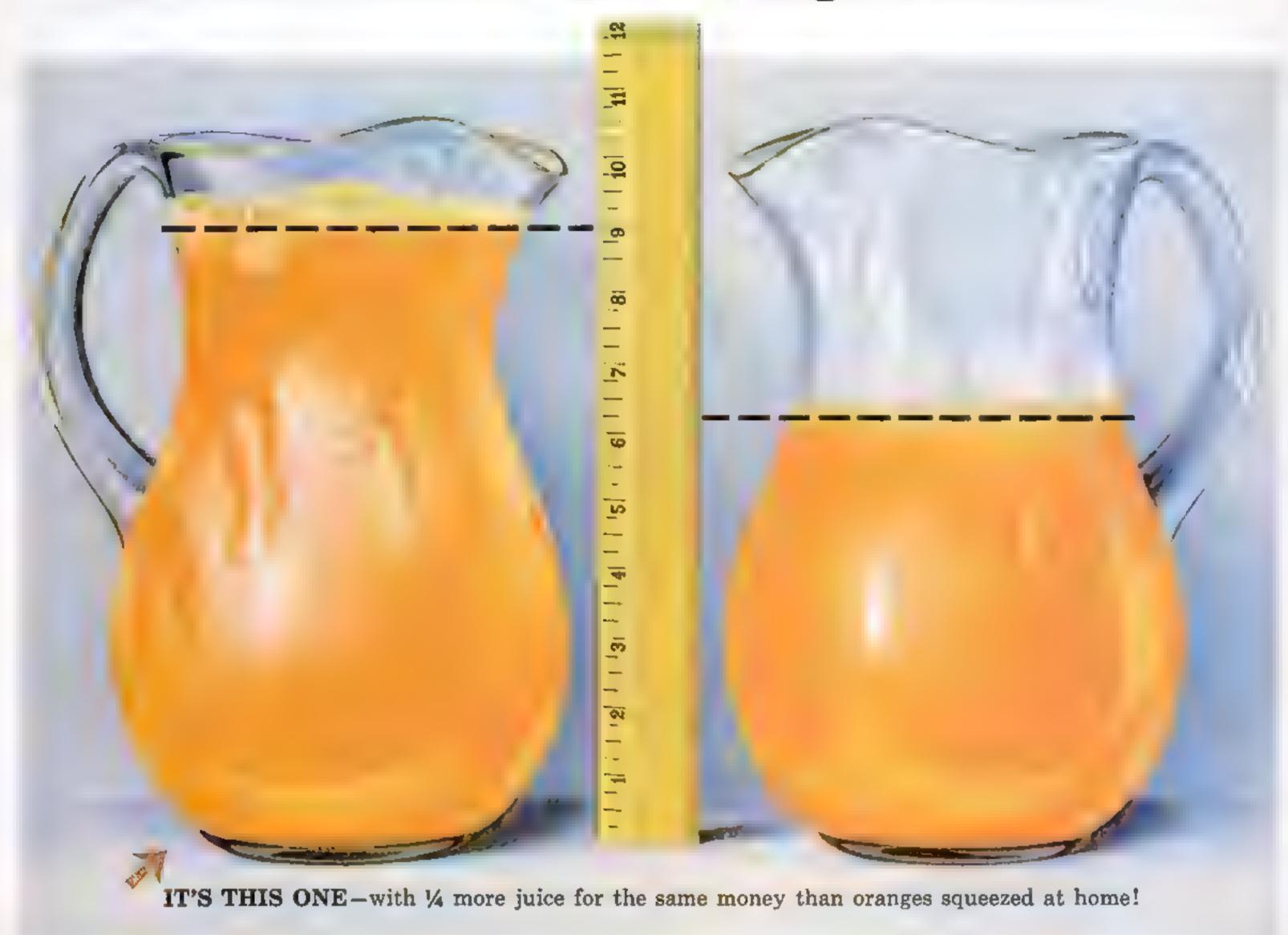
The Renoir Ensemble by Mr. John, Inc.

Holiday 2-Door by Oldsmobile

Body by Lisher CHIS

Which Pitcher

has the Minute Maid Orange Juice in it?



These 2 Pitchers tell you better than 1000 Words why

Minute Maid Fresh Orange Juice is better for your health



You get 1/4 more Healthful Vitamin C!

You get ¼ more Body-Building Minerals...

Make Yourself the Pitcher of Better Health with Minute Maid!



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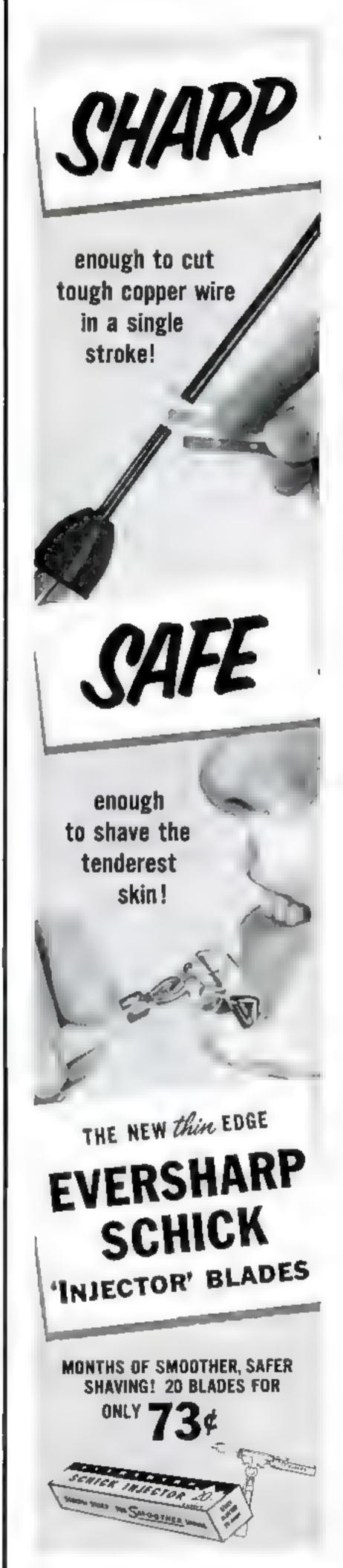
BRACING A BREATH-TAKING BRIDGE

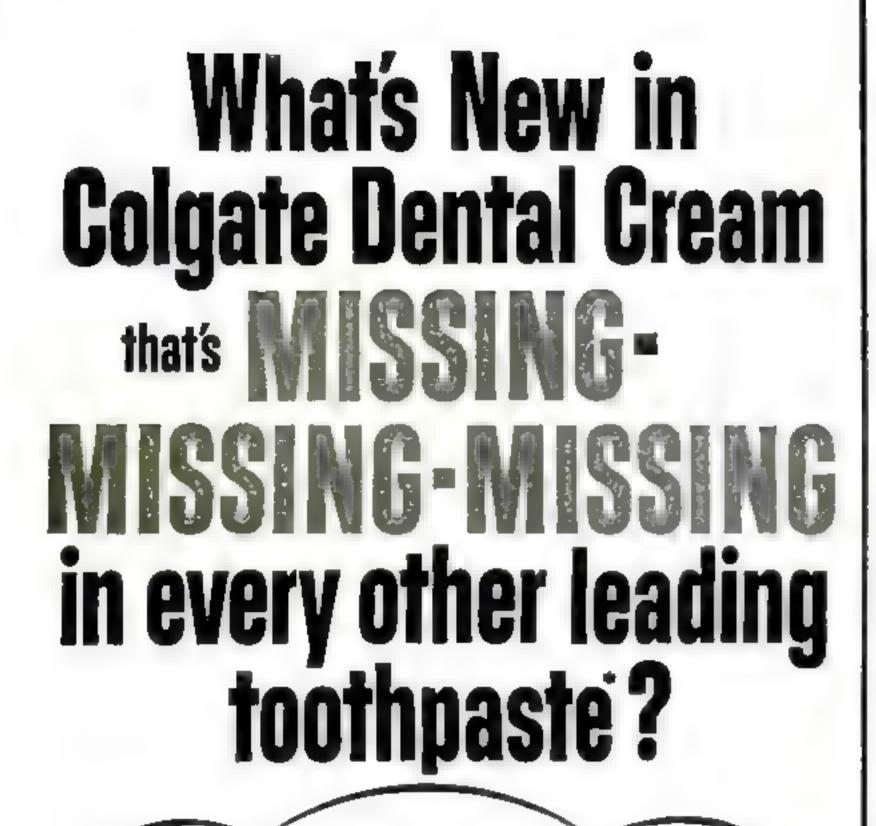
Workmen do chilling chore on high span that leads nowhere

Dangling a dizzy fifth of a mile above the floor of the Royal Gorge of the Arkansas River in central Colorado, workmen performed a chilling chore on a recent day off from their regular ground-level jobs. The crew, including a welder who works in a nearby steel mill and four employes of the Denver & Rio Grande Western Railroad which runs through the gorge, were making an annual inspection of the world's

highest suspension span, the Royal Gorge Bridge. the planking, they were putting the bridge in shape for another summer of serving its sole function as a tourist attraction. Built 27 years ago and owned by the town of Canon City, the bridge leads nowhere but to the other side. Visitors drive across, get a breath-taking view at Point Sublime and come back.

Tightening bolts and hammering down spikes in CONTINUED



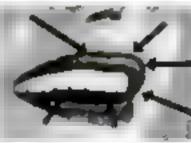


And Colgate's with Gardol gives up to 7 TIMES LONGER PROTECTION AGAINST TOOTH DECAY and a CLEANER, FRESHER BREATH ALL DAY with just one brushing!



GARDOL Makes This Amazing Difference!

MINUTES AFTER BRUSHING WITH ANY TOOTHPASTE



DECAY-CAUSING BACTERIA RETURN TO ATTACK YOUR TEETH! 12 HOURS AFTER ONE COLGATE BRUSHING GARDOL IS



STILL FIGHTING THE BACTERIA THAT CAUSE DECAY! No other leading toothpaste can give the 12-hour protection against docay you got with Colgate Destai Cream with just one brushing!

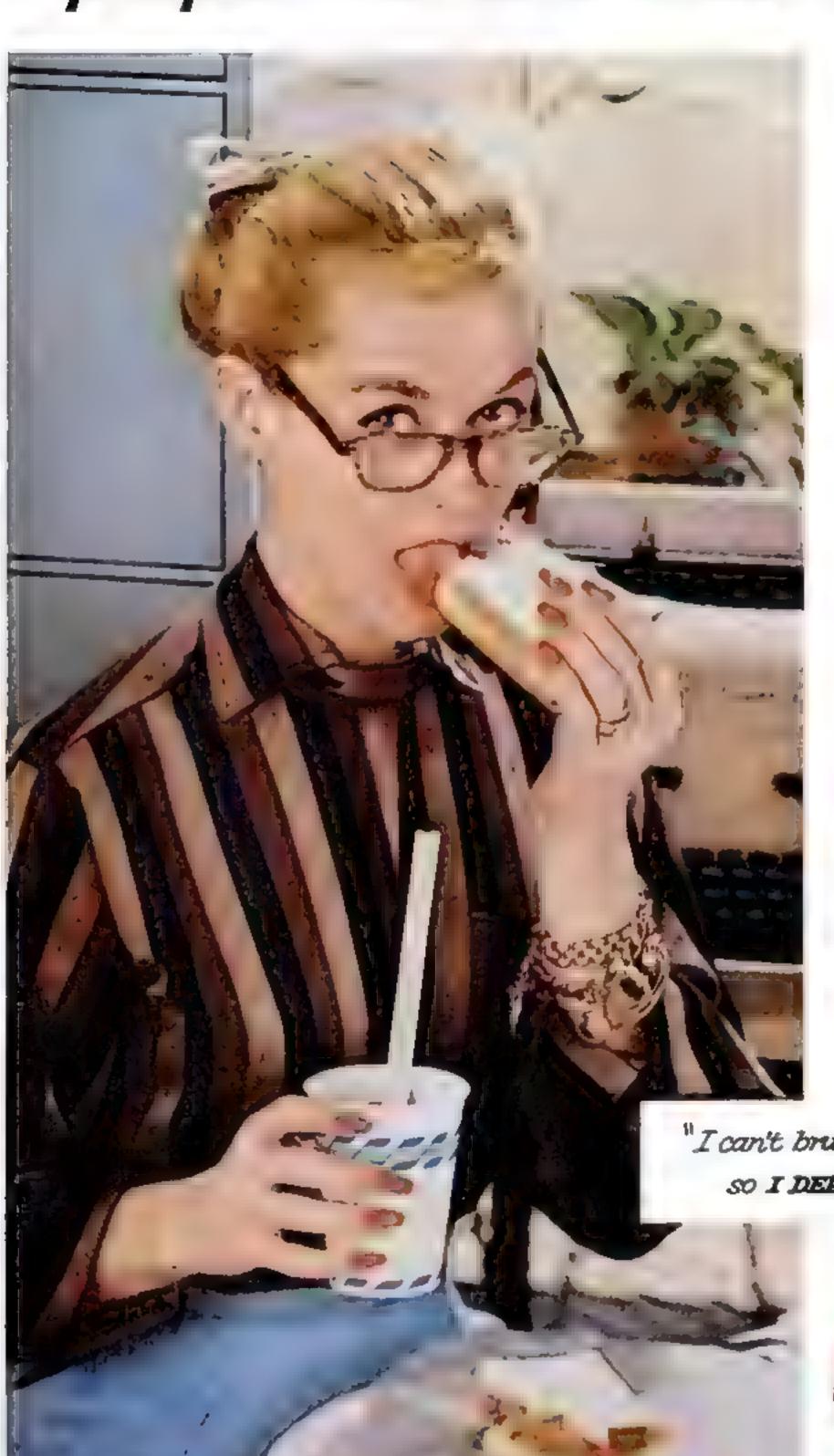
Morning brushings with Colgate's help protect all day; evening brushings all night. Because the Gardol in Colgate's forms an invisible, protective shield around teeth that lasts 12 hours with just one brushing. Ask your dentist how often to brush your teeth. Encourage your children to brush after meals. And at all times, get Gardol protection in Colgate's!

PURE 100 THREE BRANCO AFTER COLDATE'S.

Cleans Your Breath



ONLY GLEEM...the toothpaste for people who can't brush after every meal



41)

JUST ONE BRUSHING destroys decay-and odor-causing bacteria



BRUSHING—TICESE ARE TICE CHIEF CAUSE OF DECAY,

AFTER ONE GLEEM BRUSHING, UP TO 90% OF BACTERIA ARE DESTROYED.

If you could brush after every meal, any good toothpaste would do . . . but if you can't always brush,
even though it's best, then you should use Gieem.
One Gleem brushing destroys most bacteria . . . gives
added resistance to decay. And Gleem's flavor is so
wonderful even youngsters like to use it regularly!
And for children, regular after-meal brushing is a
proven way to reduce decay. Remember, there's only
one Gleem—the toothpaste for people who can't
brush after every meal.

Mouth odor stopped all day with one Gleem brushing. Scientific tests prove brushing with Gleem before breakfast gives most people all-day protection against mouth odor, Start your day with Gleem.



"I can't brush after every meal, so I DEPEND ON GLEEM!"

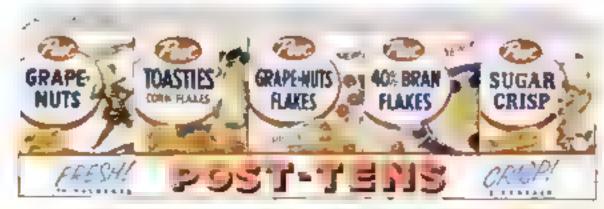






LOOK FOR THE POST-MARK ... FOR HAPPY EATING!





Try all the Post-marked Ceteals spon can get them on Post Tense

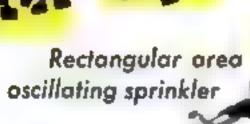


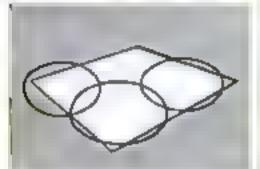
Now! A sprinkler that waters the exact shape of your lawn without being moved!

DON'T MAKE A M

Waters any rectangular lawn clear up to 40 x 60 ft. on a single setting. You just set your Swingin' Spray once to the size and shape of your lawn... and then forget it! You don't have to watch it or move it. Its deep, penetrating spray covers your whole lawn, develops healthier, more luxurious growth. 3 models starting at only







DRDINARY SPRINKLER

- waters lawns un-uniformly · spotty small area coverage
- leaves lawn corners dry
- wets sidewalk and possersby
- must be moved frequently. forms run-offs and puddles



MELNOR'S SWINGIN' SPRAY

- large rectangular area spray gets into corners
- adjustable for small areas mentie deep-panetrating apray
- Perma-Sealed Illutime lubri-
- cated motor keeps out dirt

MELHOR WATERS HALF AREAS

Swingin' Spray can be adjusted in seconds to almost any area ... can even regulate water on one-side only ... apray up to homes, sidewalks, garages.

If your garden needs it. . Melnor makes it!



FLURRY OF RUFFLES CONTINUED



AUTHENTIC STYLE is a Mexican bullfighter shirt imported in women's sizes (Pan American Shop, \$12.50), worn with matador's sequinned tie (\$5).



YOUTHFUL VERSIONS are cotton toreador dress (Suzy Brooks, \$13) and a shirt of Dacron and cotton (Adelaar, \$8) which needs only minor ironing.

CONTINUED



RUFFLE-LADEN SHIRT SHOWN IN LAUNDRY HAS EMBROIDERY AND LACE FROM SHOULDER TO SHOULDER, FASTENS WITH GILT BUTTONS (JOHN MILLER, #15)

A Flurry of Ruffles

FRILLS LOOK FINE THOUGH UPKEEP IS ROUGH

Men who last year revived the ruffled shirt for evening wear (Ltre, Aug. 1, 1955) have now been joined by women and children in similar fulls. Starched and beruffled Spanish bullfighter shirts with eyelets, lace and pleats are worn with shorts, suits and evening skirts. Maintaining the fashion demands a considerable investment either of time spent at the froning board.

or of money paid to professionals. Laundries charge as much as \$15 to wash, bleach, dry clean, starch and iron the most elaborate versions. Miracle fabrics, though they are not as crisp and snowy as freshly starched cotton, require less attention and teen-agers and women who are short of time or money can acquire the ruffled effect and avoid the upkeep (p. 90).





Only the very dreamiest cereals can be

Post-marked for Happy

Come on, Sweethearts! Stop dreaming and start eating—any one of the *heavenly* tasting cereals you'll find under the famous Post-mark. They're roasted, toasted, puffed and popped in a wonderful, *delicious* way—for extra-special goodness. So remember, Mom, when you're shopping for *your* little Dreamboats (and your *big* one, too!) always look for the Post-mark.



The dissimilar tastes of Joseph Schildkraut and Errol Flynn

"A cocktail deserves its setting" says Errol Flynn, "and nothing ifts the sou, like the sight of a clear amber Manhattan, poured ice cold into a well chilled long stemmed cocktail glass."

"The way to litt my soul 'says Joseph Sch dkraut, 's to pour me a Dry Martini on the rocks
—and the drink stays cold all the way '

"So be it," says Mr. Flynn." have plenty of Heublein's on hand, so it's simple either way."

Manhattan or Martin, on the rocks of in the traditional cocktailig ass. Heublein Cockta's are perfect on itself. Fresh from the world's largest bar, they are full strength and a pure delight tor host and guest alike Have an assortment ready to please the tastes of your guests.

MANHATTAN 65 PROOFEXTRA DRY MANTIN TO FE PER A FER A FECT A FECT



Houblain's Full-Flavored Cordials

o whys had a testive outh. Their

fige in hour and a peral boing e."

so so pare of concesseurs ore

neurpossed boar, made chywhere

Twenty of the world's tovo te Cordials.

one, and for how ed Brandes

or at we one domes a prices

A pro-House to the formation of the cordials.

Continue to the solution of the cordials.

Continue to the world's tovo te Cordials.

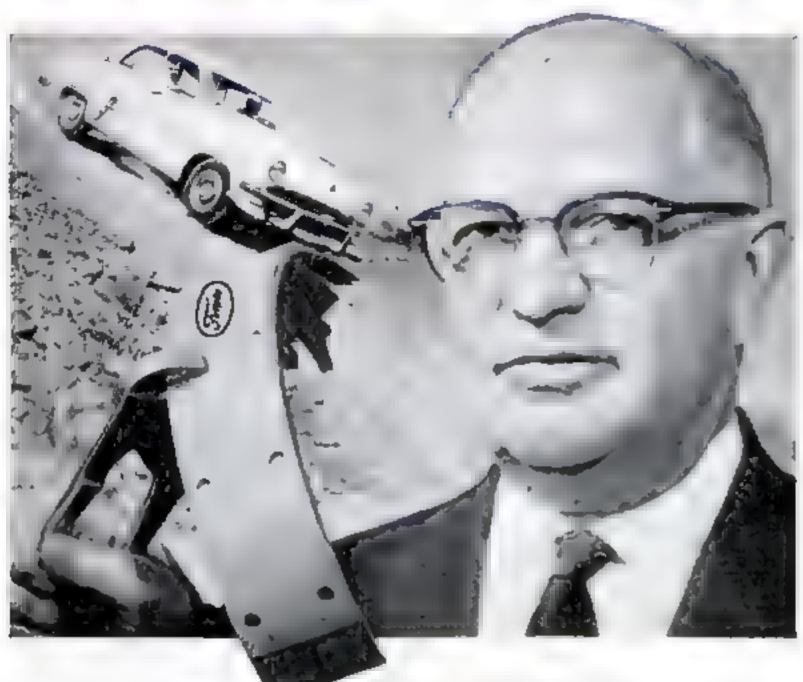
MHEUBLEIN. COCKTAILS & CORDIALS

FULL-STRENGTH, READY TO SERVE

FULL-FLAVORED, DELICIOUS

For your Ford always specify the brake linings with the

THEODRY GIRLIP



"Genuine Ford Brake Linings prove they can keep their iron grip in 3,250 torture tests," says Al Esper, Ford's Chief Test Driver, "In one test we drag the brakes down hills at 30 to 36 m.p h. until it's hotter than a broiling oven inside the brake drum. At temperatures like this, inferior linings fade. But Ford linings best the heat and go on to pass repeated 80 m.p h, emergency stop tests without a faiter!"

Like these brake linings, all Genuine Ford Parts must pass severe torture tests

When a replacement will add to your Ford's performance—such as water pumps, shock absorbers, distributor points-always

make sure it's a Genuine Ford Part. It will help your car run "like new" because it's built to the specifications set when your car was brand new. You can count on long, dependable service, too, for all Genuine Ford Parts must pass the most grueling endurance tests before they are ever accepted for manufacture.

That's why you should always specify Genuine Ford Parts. They're made right to fit right to last longer in your Ford.

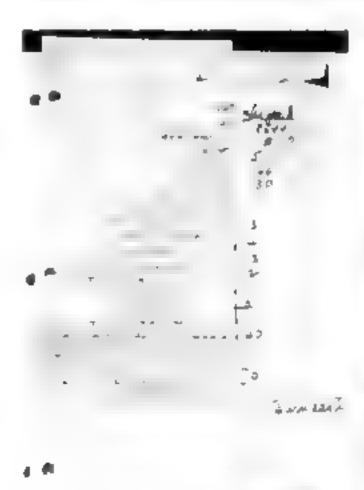
May is National Safety Month - Be sure



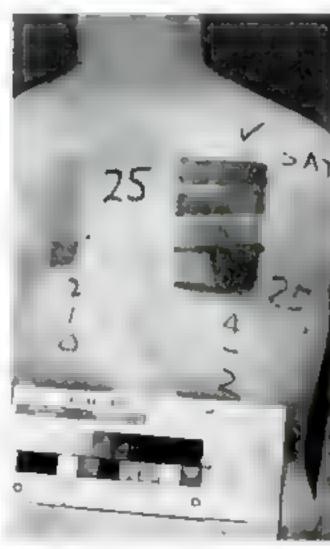
Suntan Capsule commuted



MEASURING TAN, Dr. Fitzpatrick (right) records reading of a reflection meter held to volunteer's back. Volunteers were paid 85 a day during test.



RECORD SHEET for each prisoner lists his complexion and his usual reactions to sun. Scientists found pill no use for people allergic to sun-



TEST PATCHES show more tan after pill (patches at right) than before (left). An overdose made skin burn (darkest square) as well as tan.



MASS SUNNING has prisoners covered by oilcloths with holes to admit sun. Since individuals vary in sensitivity, pills will be sold on prescription.

A SUNTAN IN A CAPSULE

Arizona convicts test a chemical that browns skin safely, quickly

The millions who expose their winter-pale flesh to the summer sun only to turn a painful, blistery red have hope at last in a pill which can make sensitive skins darken quickly to a safe, gratifying bronze under the sun's rays. Recently developed by Dr. Thomas B. Fitzpatrick and two other scientists of the University of Oregon Medical School, the pill contains 8-Methoxypsoralen—8-MOP for short—which stimulates the body's natural production of melanin, the pigment which forms the tan.

Dr. Fitzpatrick stumbled onto the virtues of 8-MOP while exploring its effects on vitiligo, a disease which disfigures the skin with white blotches. When the drug caused not only the blotches to darken under the sun but the rest of the skin as well, he tried it on healthy volunteers, including 41 fair-skinned inmates of Arizona State Prison.

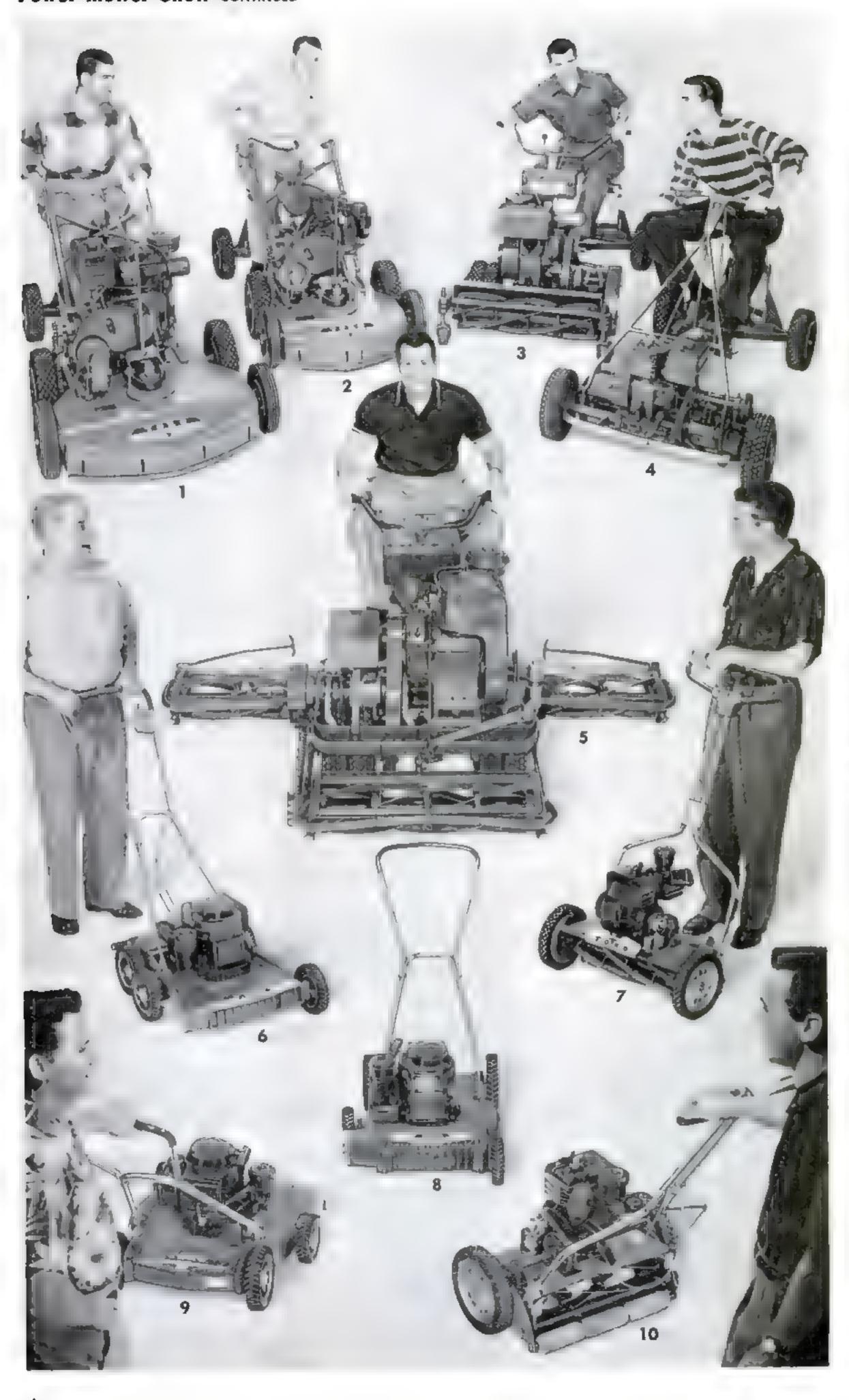
Much more testing has yet to be done to work out the proper dosage, but results so far are so encouraging that Dr. Fitzpatrick hopes that within two or three years a pill a day will banish painful sunburns from the beaches.



Prison undergoes a suntan test after taking 8-MOP.

caused by varying exposures with and without pills.





TORO offers world's most complete selection

There's a power mower for every need in the complete Toro line — from the mighty *Professional* 76 — the "power mower with wings" that can trim around a half dollar, to the all new lightweight *Whirliand* 18 — the original rotary power mower that does all five hig lawn jobs. And the line features a large selection of popular riding-type mowers.

- 1. TORO 31-inch Whirlwind, Husky eight-horsepower engine handles big jobs effortlessly. "Suction-Action" lifts clippings, chops them to fine mulch.
- 2. TORO 24-inch Whirlwind cuts up to six acres a day with ease. Cuts under shrubbery, noses up to the very edge of fences and trees.
- 3. TORO 30-inch Park Special is the rugged favorite of turf maintenancemen. Built to stand the strain of all day, every day cutting.
- 4. TORO 27-inch Starlawn has original "floating" reel that scissor-cuts turf into a crisp green carpet. Pulls a sulky and operator up hills with ease.
- 5. TORO 76-inch Professional is the king of power mowers. Mows 5 to 25 acres a day, can actually trim around a spot the size of a half dollar!
- 6. TORO completely new 20-inch Self-Propelled Whirlwind has rear-wheel traction drive for effortiess mowing, easy hill-chimbing. Exclusive Auditone muliler.
- 7. TORO 21-inch Sportlawn is rated tops among reel-type mowers by independent research organizations.
- 8. TORO all-new 18-inch Whirlwind is a "jack of all lawn jobs". This rugged, quiet rotary mows grass, cuts weeds, trims borders and pulverizes chippings.
- 9. TORO all-new 20-inch Hand Propelled Whirlwind features new Auditone muffler that reduces engine noise to a pleasant purr. Leaf-mulcher pulverizes leaves into turf-building mulch.
- 10. TORO 18-inch Sportlawn is a smooth-cutting mower that will clip 21,000 square feet of grass an hour. Note new Guard-N-Guide grip.



Look for this sign identifying Toro dealers throughout the United States and Canada

TORO MANUFACTURING CORPORATION

Dept. L-56, Minneapolis 6, Minn.



Toro "Power Handle" is a demountable 2% hp. gasoline engine that switches in seconds from one Toro work unit to another. It's a mechanical handyman you'll use in all four seasons! Work units now include (counter-clockwise): 17-inch

Snow Hound rotary plow, 110 v. generator, tiller, 20-inch self-propelled Whirlwind rotary mower, 21-inch self-propelled Sportlawn reel mower, edger-trimmer, power pump, power sprayer. The Toro "Power Handle" is

another first that's bound to be imitated!

(Toro advertisement continued on next page)



New from the ground up! Toro Whirlwind rotary mowers offer every popular feature, including staggered wheels to eliminate scalping, ingenious front discharge chute that sprays clippings uniformly. Much quieter, too...exclusive new underthe-housing exhaust muffles engine noise remarkably.

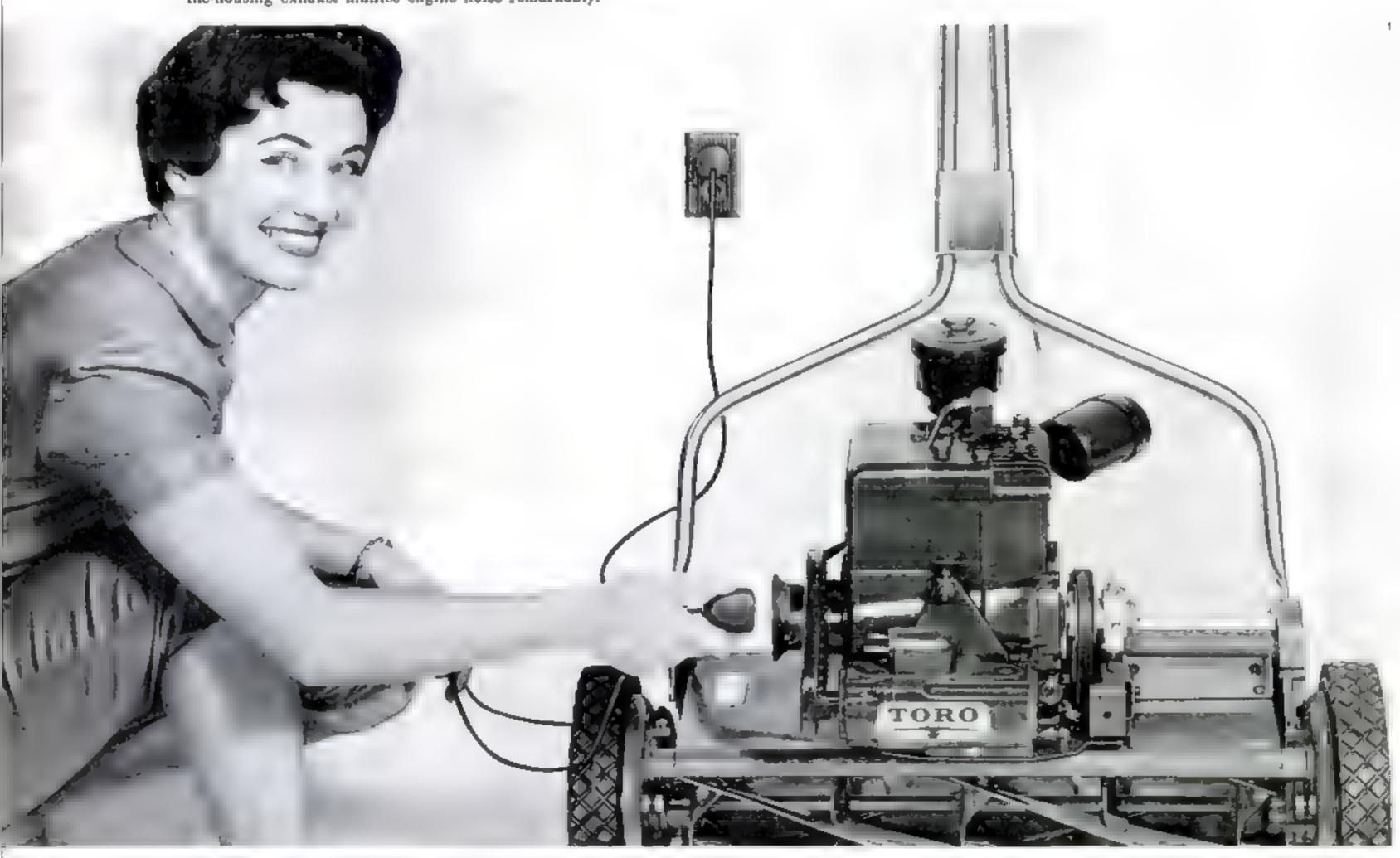
POWER MOWER SHOW

Toro dealers take the wraps off some startling new inventions

Power mowers with engines and handles that lift off... power mowers with plug-in electric starters (no battery needed)...new power mowers of all types and sizes are yours to inspect at Toro dealers. It's show time for the 1956 Toro line—the world's biggest, most interesting array of grass mowing equipment!

You'll want to see Toro's new Power Handle — the amazing lift-off engine unit that drives a whole family of yard machines ... Electric Starting — a new plug-in starter that spins your mower engine into immediate action ... Completely New Whirlwinds — the original rotary mower, now better than ever with anti-scalp staggered wheels and front discharge chute to prevent clumping.

Your local Toro dealer will be glad to show you all this — and more. Look for his name in the phone book classified section under "Lawn Mowers".



Electric starters take all the work out of starting, operate on house current. Just plug in and your new Toro self-starting

engine leaps into action automatically! No battery required. (It makes lawn-mowing with your Toro more fun than ever!) Available on most models.



AMERICA'S BEST



SUPERIOR TASTE . SUPERIOR FILTER

Бассетт & Мтеле Точассо Со.



that work with you

If you ...

Bend — your pants won't bind
Reach — your sleeves reach with you
Stoop — your shirt tail stays in
Wear work clothes — ask for Dickies

There's more wear for the money in Dickies, tool



WORK CLOTHES
Williamson-Dickie Manufacturing Co.
Fort Worth, Texas © 1956



LINE OF SHOES is set up by kennels so dogs may be fitted. Here Master Sergeant Gerhard Reich tries a shoe on his dog Shoes come in three sizes.



DACHSHUND IN BOOTS the police dogs wear can hardly move in the oversized shoes. The puppy, 10 months old, is mascot of the German sentry unit.

Do You REALLY FEEL THOSE VITAMINS You're Taking?



Feel peppier in 7 days with high potency Rybutol or money back

Only you know how much good you're getting from your vitamins. If you don't really feel results, you may need higher potencies of B₁ and B₂, to help correct definite deficiencies and give results you can really feel. One high-potency Rybutol Gelucap supplies 15 times your minimum requirement of B₁, 3 times your B₂, 100% of your C, plus many other vitamins and minerals. Vitamin Corporation of America invites you to be the judge of Rybutol—with this money-back guarantee!



Now! This High Potency B₁-B₂ Formula With Multi-Vitamins And Minerals as Little as 6¢ a Day!

RYBUTOI.

AT YOUR NEAREST DRUGSTOR



Served by America's oldest airline as a fine top finish to their famous champagne meals. Look for this candy treat, the favorite of fine restaurants and hotels all over America, at better stores everywhere.

VERNELL'S BUTTERMINTS, Inc., Seattle



LIFTING HIS FEET HIGH IN DRILE PRECISION, ORDO, A GERMAN SHEPHERD GUARDING LANDSCUIL AIR FIELD IN GERMANA, SHOWS OFF HIS NEW SHIDES

AID FOR SORE PAWS

U.S. air base puts shoes on its dog sentries

The 65 German shepherd dogs employed at the American Air Force base in Landstuhl. Germany to accompany guards on sentry duty were on sick call most of the time. Their feet were cut and scratched and their nails torn from the long hours spent walking over the rough, concrete runways. In February alone 500 dog hours of work were lost because they had been unable to walk on their aching feet. The Air Force decided that their German dogs should be should as other military dogs have been for mountain duty and work on the sharp coral atolls in the Pacific A batch of custom-made leather shoes was ordered from a German manufacturer at \$1.15 a pair. At first the dogs found them cumbersome and howled at their awkwardness. But after a few trial runs they were walking with precision



VETERINARY TECHNICIAN FLOYD BROWN BANDAGES POLICE DOGS Allang LEG AND FOOT-

Mother's Day Gifts...for June Brides, too!

Give time-saving PYREX ware!



PYREX ware is the star of the cooking world. Look for it on TV, in magazines, everywhere. See what's cooking!



"PVICE" is a registered trademark in the U.S. of Coroling Glass Works. Caralog, M.T.



Permanth In redere Covertible and Permanth Admir Sport Suchritan

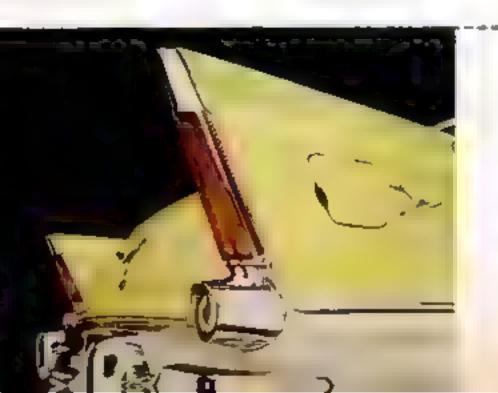
... '56 PLYMOUTH HAS IT NOW!

AFRODYNAMIC STYLING ... WIDEST FRONT SEAT OF ALL 3 ... MOST FRONT-SEAT HEAD ROOM . . . MOST LEG ROOM for rear seat passengers.

NEW 90-90 TLRBO-TORQUE for top take-off and safe, split-seroud pass-ING . . . NEW RIGHT R-HORSEPOWER HY-FIRE V S and POWERFLOW 6 ENGINES. .. te to 200 He from the same engineers who created the amazing, record-smashing Plymouth Ft BY shown below right.

NEW SAFETY Through NEW SAFEGUARD DOOR EATCHES PHIS SEPARATE SAFETY BRAKE SYSTEM . . . TWO BRAKE CYLINDERS IN FACIL FRONT WHISEL, (competing cars have only 1) ... SAFETY-RIM WHEELS

Bring your motoring up to date with these historic advances! Own the only low-price-3 car with tomorrow's look today! Get your deal now on the big. all-new Plymouth '56-so MUCH MORE CAR. DOLLAR FOR DOLLAR!



NEW AERODYNAMIC STYLING!

Note "jet-age" fins at left!

NEW RECORD BREAKER!

Here's the amazing Plymouth FI RY . the car that broke the stock car speed and accelerate a records in its crass. at Daytona Beach early this year'





LOOKING FOR SOMETHING NEW?

DON'T WAIT TO TRADE YOUR '53,

If you're driving a car other than Plymouth perhaps you've put off trading because "your make" hasn't anything that's really new to offer this year.

In your own interest, take a good, long look at Plymouth! Plymouth

'56 is all new...right now—the only car of the low-price 3 that is all new! It's packed with advances that you're not enjoying in your present car, advances that even the '56 models of "your make" can't offer!

Save real money through the new Plymouth deal, while you enjoy these features that only Plymouth offers you in the low-price 3: BIGGEST, LONGEST CAR OF ALL 3... MAGIC NEW PUSH-BUTTON DRIVING... NEW



NEW PRODUCTION NATIONAL

A positive mechanical control—
the salest (children can't reach it)
and easiest (like pushing a doorbell)
driving control ever designed,
Only Plymouth has it in the low-price 3.



NEW BEAUTY ... NEW SAFETY!

Your loved ones are protected in the new Plymouth! SafeGuard door latches won't open on impact... keep you and your passengers inside car, where experts agree you're eafer.



The All-New

EUREKA

Super Roto-Matic



NEW BEAUTY...exquisite new styling ...new lighter weight...more cleaning power...and many other new convenient features make the all-new 1956 EUREKA Super ROTO-MATIC the finest cleaner that rolls on wheels. See it demonstrated at your dealer's NOW!

EXCITING NEW MODEL 910 FEATURES!

NEW! Dramatic styling in decorator colors.

NEW! Double-Size throw-away Dust Bag... lets you do twice as much cleaning—cuts replacement costs 50%!

NEW! Cyclonic Air Action prevents dirt from clogging dust bag—improves suction .. means better cleaning, quicker!

NEW! Zip-Clips open top instantly!

NEW! Convenient Step-On Toe Switch.

NEW! Deluxe Cleaning Tools with new Easy-Glide Rug Nozzle and light, flexible vinyl hose. Hose swivels in top for all around cleaning!



New Deluxe Cleaning Tools

With Light Vinyl Hose At No Extra Cost

New Handy Shp-On Tool-Rack and Exclusive Shag Rug Tool (Optional)

See the new EUREKA Super Automotic—

No dust bug to empty Specially designed for quick, easy cleaning of walt-to wall carpets and targe rugs. Tools optional.

Outy \$8995

IT BEATS, SWEEPS AND SUCTION CLEANS

EUREKA WILLIAMS CORPORATION - BLOOMINGTON, ILLINOIS In Conada: Onward Manufacturing Company, Ltd., Kitchener, Ont.

PUSH-BUTTON PARADISE CONTINUED



MECHANICAL BEDS in girls dormitory and other bedrooms are raised up and out from walls by motor to eliminate bending while they are being made.



MOTOR FOR LAZY SUSAN is here uncovered. Since it uses low voltage there is no shock danger. "The only apparent hazard," say operating instructions, "would be the possibility of getting one's hands or feet caught underneath one of the back rests. Due to the numerically high gear ratio and slow operating speed, a tremendous force is exerted by the back rest racks. It is urged that the greatest caution be observed whenever one is lowering the back rest."

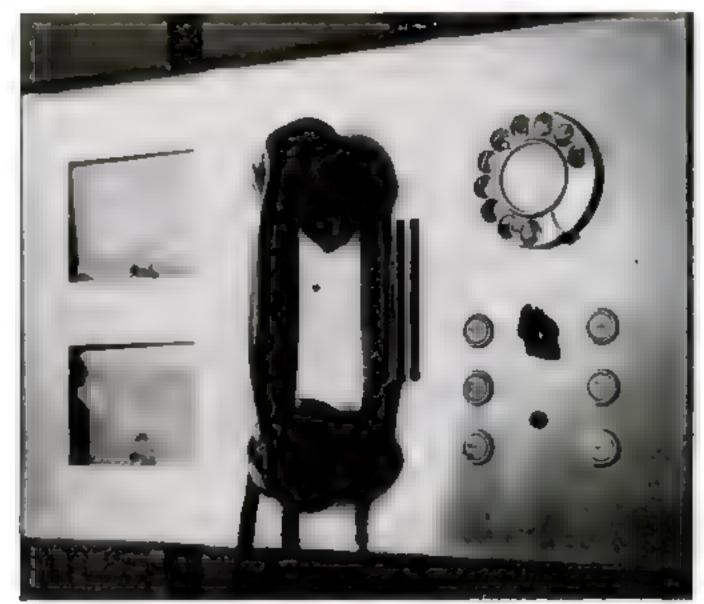


TENNIS COURT is sunk eight feet below ground to comply with building code of nearby golf course. Along with the rest of grounds it is lighted at night.

PUSH-BUTTON PARADISE CONTINUED



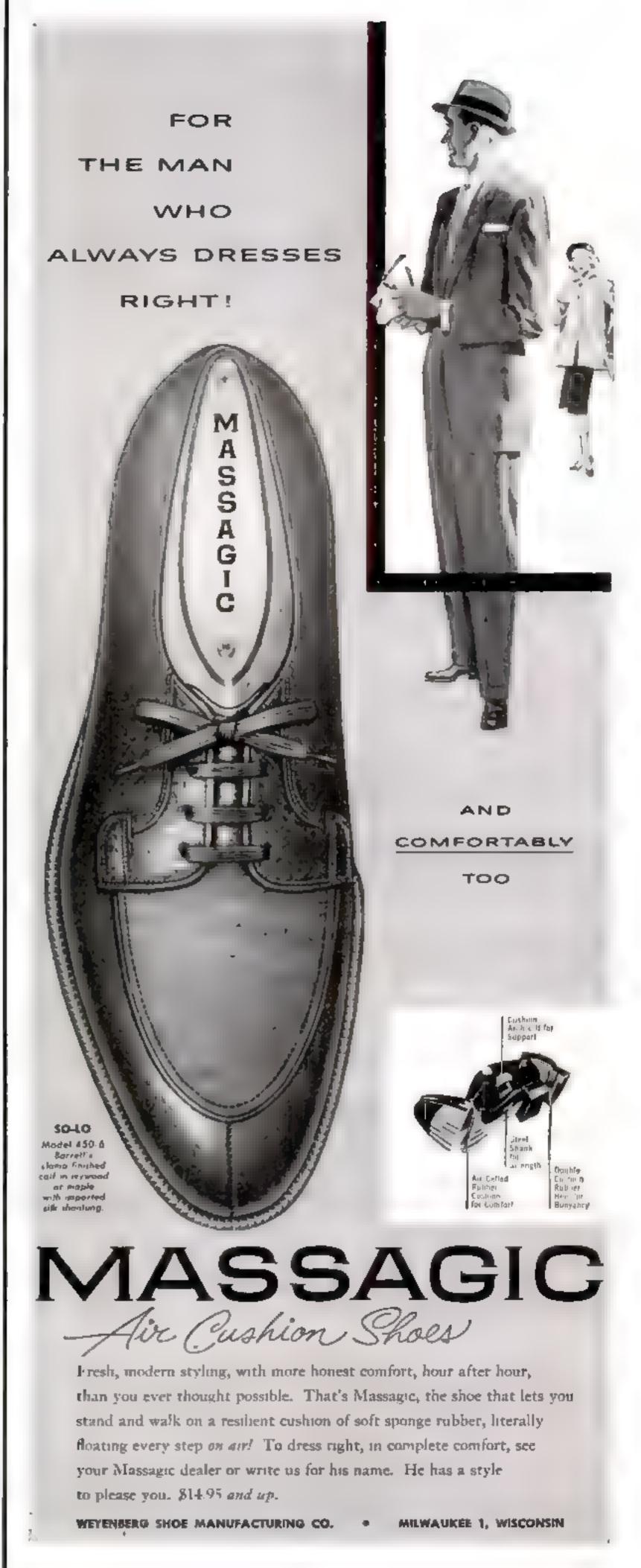
IN DINING ROOM at evening meal for family and guests, McCulloch sits at head of rosewood table. Wall at right duplicates the strata of the earth.



TELEMUSIC SYSTEM enables each room to dial six radio stations or 100-record jukebox. Buttons control volume. Phone connects with all rooms.

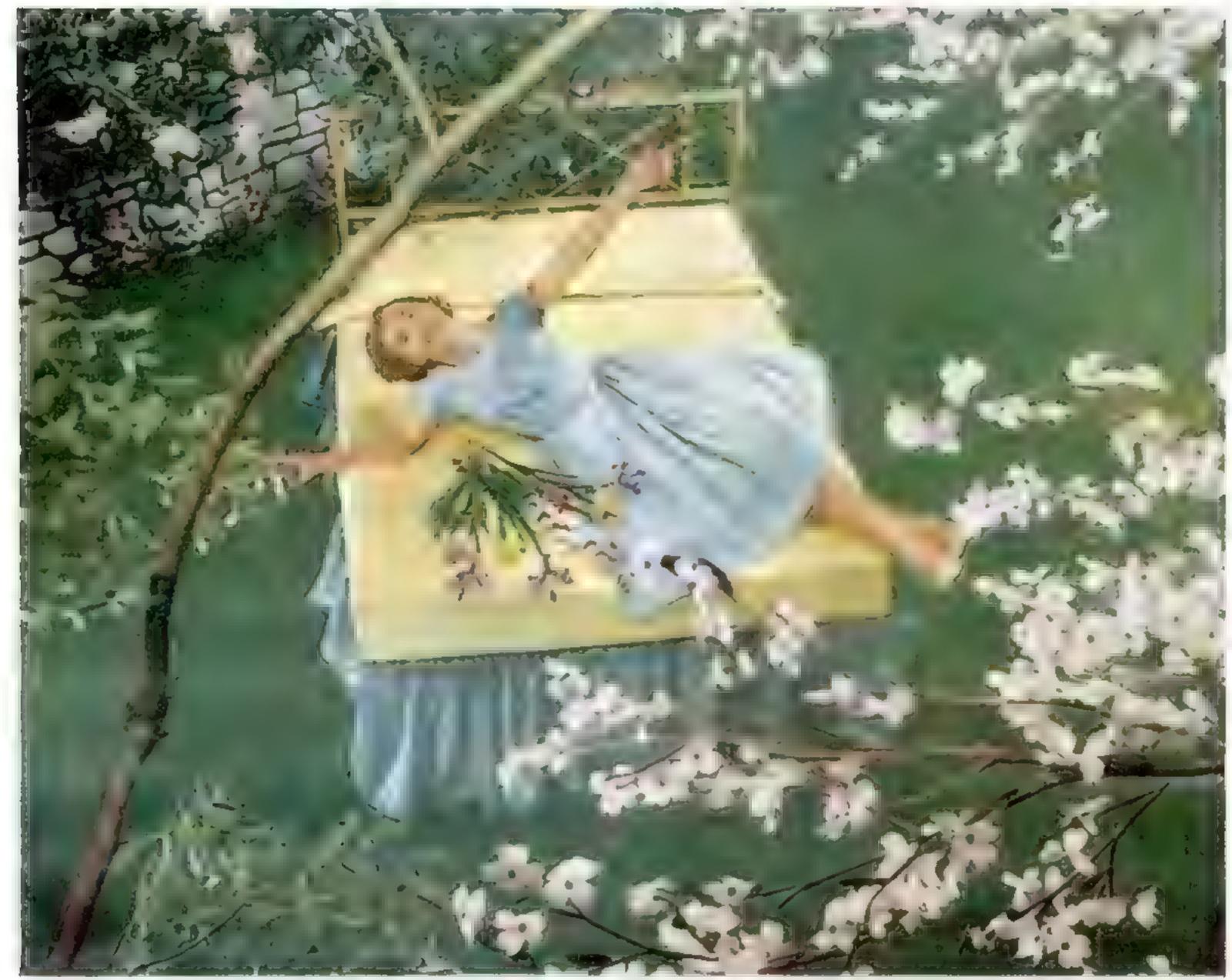


ROUND STOVE in center of the kitchen floor has eight burners where four people can prepare food at the same time. The kitchen also has two ovens.



YOUR BEDS...DON'T MAKE THEM

... and get out in the Sun for May!



IEEE -N A WANSUTTA" FASHION COTTON BY TOPSET ORIGINAL

CONTOURS! Save bed-making time and energy ... set yourself free for more hours in the Spring sunshine! Pacific CONTOURS go on with "one-hand" ease ... stay smooth as a cloud, fresh as a crocus. And... you can CONTOUR every type of mattress you own... Pacific CONTOURS are made in specific sizes for each one ... including feam rubber and extra-firm types. All Pacific CONTOURS come in white or Spring-blooming pastels in either combed percale or muslin ... all sale priced for May.

PACIFIC MILLS DOMESTICS CORP., an affiliate of Wamsutta Mills, 1430 Broadway, New York 18, N.Y.



for extra-firm mattresses

CONTOURS











Beautify your car with



. and a free trip for two



THE VACATION OF A LIFETIME! You can win it! Just visit your nearest dealer who is featuring General's "Magic Seat Cover" contest and get your entry blank with the plastic seat covers you buy. Then write a slogan in ten words or less. It's that simple! Remember the many outstanding qualities of General Plastic materials-the colorful "wipe-clean" beauty, the

*Anywhere there are scheduled airline flights.

long wear, the comfort and the economy! That's all there is to it! You can win two ways! Add to the beauty and value of your car with more-beautiful, more-durable plastic seat covers and have a chance to win an all-expense, twoweek trip for two to "Anywhere in the World." There are twenty-five matched sets of top-quality, Tolex-covered luggage also to be given away!



BOLTA Div., Lawrence, Mass. 4 JEANNETTE Div., Jeannelle, Fa. RESPRO Div., Cranston, R. L. . TEXTILEATMER Div., Toledo, Ohlo

"Look for this counter display with official entry blanks at your plastic seat cover dealer."



- Purchase a set of plastic trimmed seat. covers from any desiler displaying an 'Otheral Headquarters, Magic Seat, Cover Contest seal
- 2. On the official entry blank available at your dealer print your suggested alogan. for General Plantics in 10 words or lam. Place your own name and address in the space provided. Place entry blank in an envelope and mail to Magic Seat Cover-Contest, Box 431, Lawrence, Mass. Only one entry per person. Entries must be postmarked not later than midnight July 31, 1956.
- 3 Convest open to all residents of the Continental United States and Canada.
- except employees of The General Tire & Rubber Co. the raubad stress advertising agencies and the r fam less Cortest. not appreable where it interferes with local and state regulations.
- 4. Entries judged on the basis of sincenty, originality and aplness of thought Decision of the judges is final, Duplicate prizes will be awarded in the case of ten. All entries become the property of The General Tice & Rubber Co. and they reserve the right to use of not use the names submitted in the contest. No entries will be returned
- 5. Winners will be not fied by mail by September 15, 1958, Cantest is subject to al. Federa. State and socar regulations.

Contest begins May 1, 1956. See your nearest plastic seat cover dealer now!



FISH OR FOWL?



DON'T BE PUZZLED! Any California Wine is right, sparks up any meal. Try California Sauterne for instance, (Serve cold).



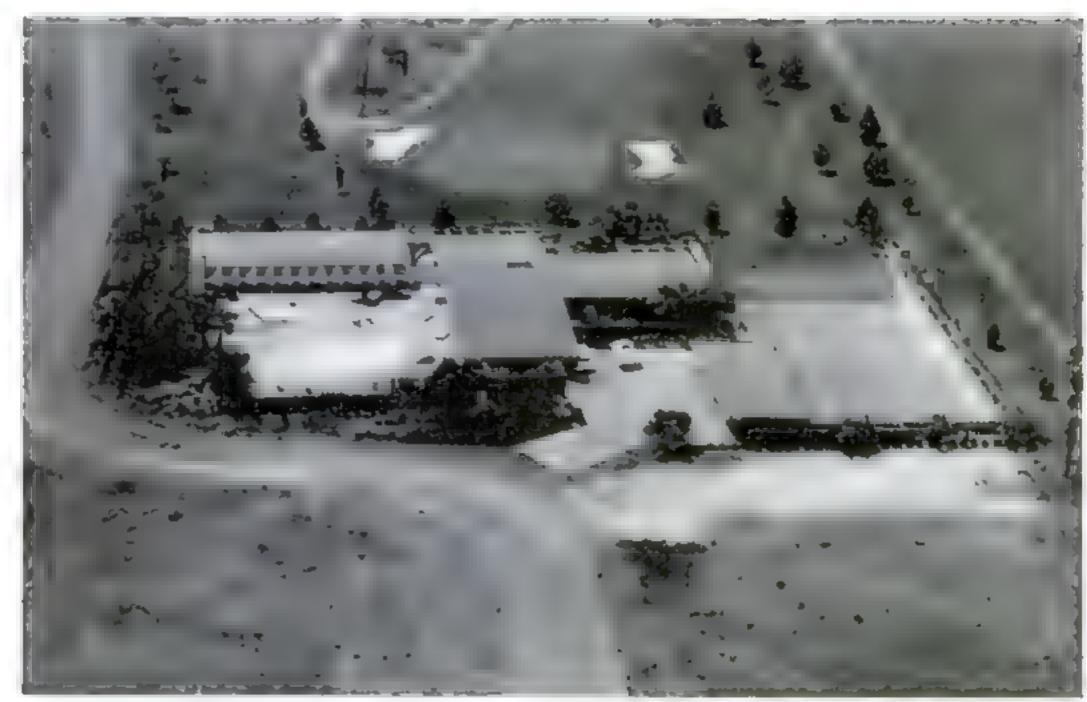
RED WINE LOVERS—We recommend California Burgundy and Rose, California Champagne on special occasions. And here's



SOUTHERN CHICKEN cooked with wine! Chicken Sauté Creole - one of the easy recipes our free "WINE SELECTOR" gives you. Ask your Dealer or write us:



PUSH-BUTTON PARADISE CONTINUED



THE HOLSE is at edge of the 16th green of golf course. Its various parts are located in the plan at bottom of page.

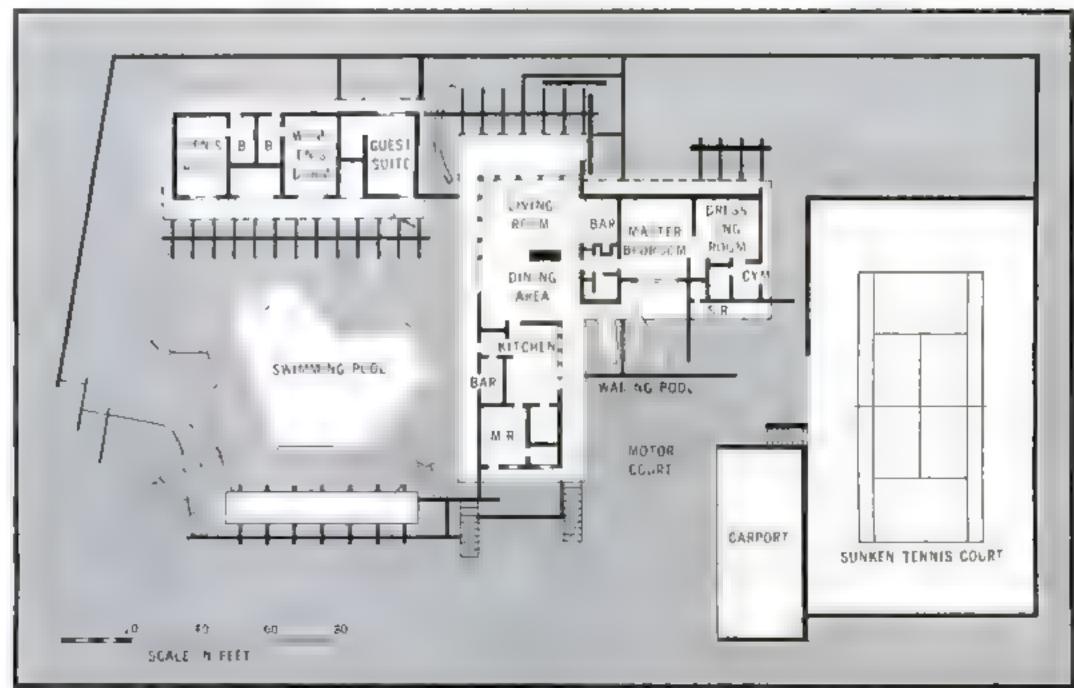
Sunhather's Lazy Susan is at edge of swimming pool. Putting course is in corner to the teft of the men's dormitory.

A PLAN TO ACCOMMODATE THE GADGETS

McCulloch's house is surrounded by the Thunderbird golf course, was planned so that it would be almost impossible for stray balls to do any damage. So far only one golfer has thwarted the architect, cracking a panel with a particularly wild shot. Almost all the design of the house was dictated by Mr. McCulloch, 44-year-old president of McCulloch Motors, which makes chain saws, power mowers and outboard motors. An inventive man, Mr. McCulloch enlisted the help of his engineers to produce his gadgets.

There were many difficulties involved. McCulloch

had to discard 10 ideas before perfecting the mechanical bed (p. 78); and the automatic bar, which involves elevator mechanisms, had to have its tubes sunk into the ground before any of the rest of the house was built. McCulloch is not sure whether he is prouder of his bars or of his charcoal barbecue which automatically preheats the charcoal so that it burns more quickly and automatically douses it with water if it gets too hot. With all the gadgets, Mr. McCulloch had hoped servants would not be needed but he has had to hire two to help press the buttons.



STATE COMPANIES

FLOOR PLAN shows layout of house designed by Welton Becket. Los Angeles architect. Women's dormitory, now occupied by the two young McCulloch daughters, has its own bath (B on plan). Men's dormitory is reserved for two McCulloch sons who are away at school. Master bedroom, off m its own separate unit, has big bathroom, steam room (S.R.) and small gym. His closet has room for 40 pairs

of shoes, although Mr. McCulloch moved in with only one pair. House has only one maid's room (M.R.). In addition to swimming pool, there is a reflecting pool off living room and a wading pool off main patio. The carport holds eight autos. Exterior of house is glass and stone, Interior is paneled in many woods including walnut, teakwood, zebrawood, English oak and Australian black bean wood.

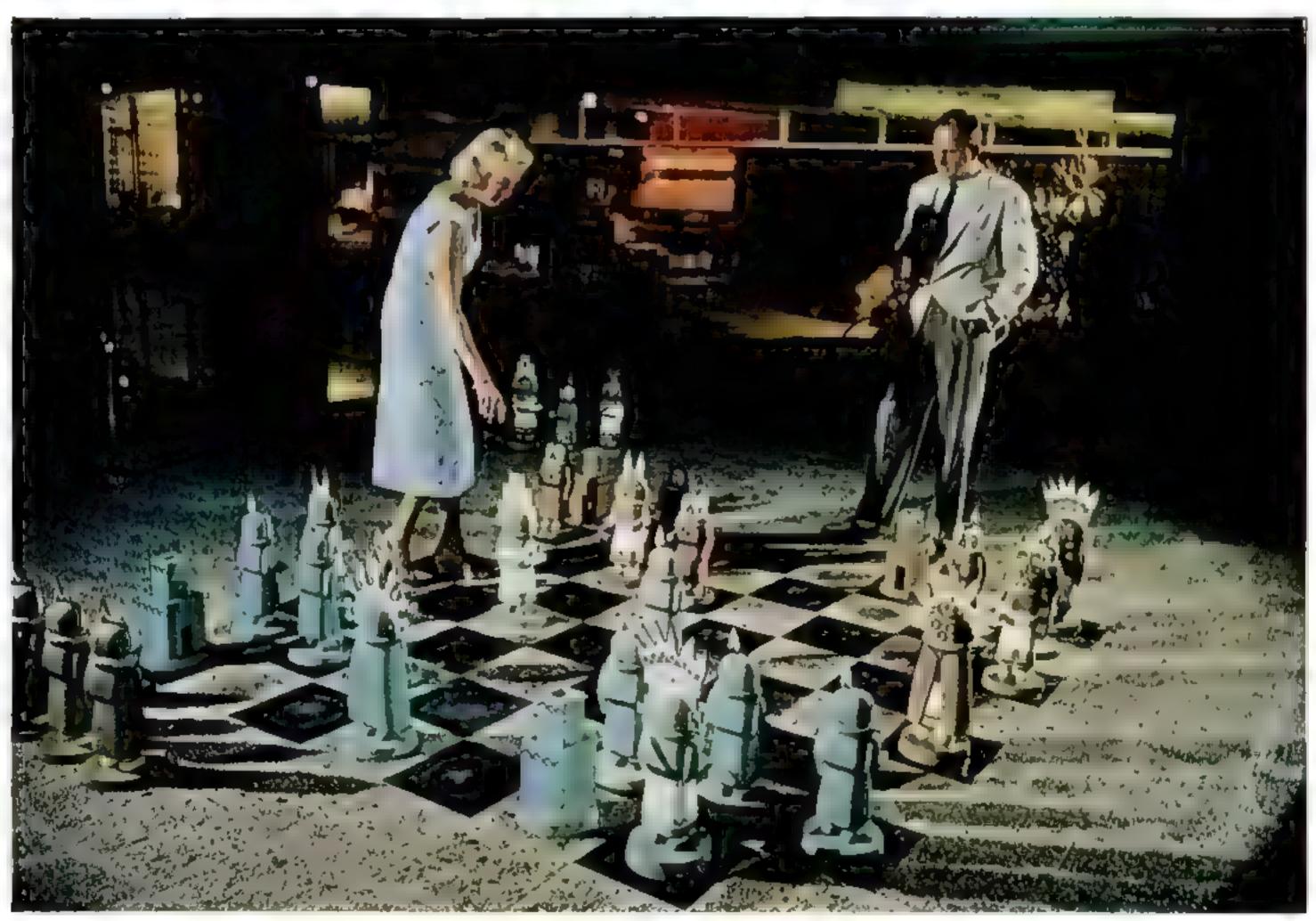
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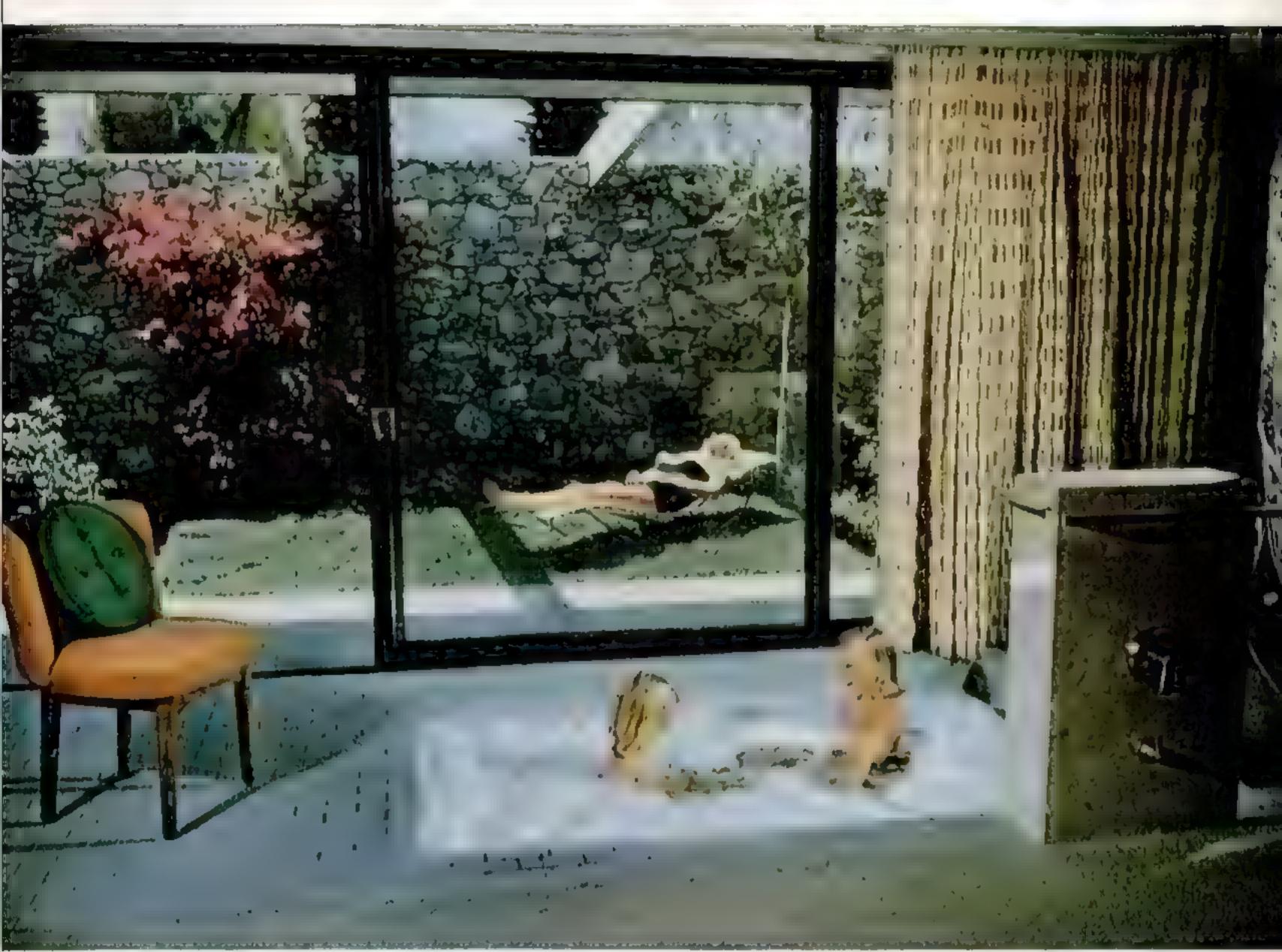
LIVING ROOM he ses couldn't party which was read from McCalbach windows mechanical pair bear and a process a sun-

legen Lot Palm Springs Indian tribes, took artist a vent tecemplete. White lengard patiern of the rug was chosen to conceal carriessly discarded eighter butts.



CHESS GAME is played with giant outdoor set as Mrs. McCulloch studies move of two foot chessman and husband watches. Chess pieces are cast aluminum

figures of Indians. Board is made of black and white terrazzo squares set in patio flooring. Swimming pool and human Lazy Susan are in the background.



IN SUNKEN TUB OF MASTER BEDROOMS BATHROOM, BARBARA (LEFT) AND MARY MECULIOCH PLAY AS MRS, MECULIOCH SUNS SELF ON HER PROVATE PATIO

McCulloch's Push-Button Paradise

A MILLIONAIRE MANUFACTURER BUILDS A MECHANICAL DREAM HOUSE

When Robert McCalloch, a rich manufacturer of Los Angeles, decided to build a weekend retreat at Palm Springs, he dreamed of a place that would knock his friends' eves out and provide his family and himself with a life of effortless comfort. It took four years and three quarters of a million declars to plan and but d the house. It handsomely fulfills both of McCulloch's dreams. A push-button paradise of glass, terrazzo and rare woods on a sughtly larger than an acre plot, the house is set around waterfalls, wadang pools, a tennis court, nine-hole putting green and a 60x28-toot swimming pool. Beside the swimming pool there is a bunian Lazy Susan (shown on cover) with seven couches that revolves slowly under the sam, on blang the passengers to acquire even burns.

Almost everything in McCulloch's house is mechanized from the bar that dispenses whisky at the touch of a switch to heds that raise themselves for easier making. To awaken Mct u toch there is an intricate alarm system that turns on soft music, opens the draperies, fills the bath-tub and flashes a red light in the kitchen to tell the butler to bring coffee. So far everything in the house has worked fine except that the day they moved in the McCullochs had to go next door to borrow a bottle opener.

MARY MECLELOCH AND FRIEND SUZIF RYDY PUTT ON MINIATURE COURSE

Laboratory research proves why:

YOU WAKE UP MORE REFRESHED WHEN YOU SLEEP ON KOOLFOAM!



now...all other pillows are old-fashioned!

There's NO pillow like foam ... and NO foam like new, improved Koolfoam! Here's the one and only pillow with Dayton's patented open-pore surface. The result? An "Air-Conditioned" action that breathes in fresh air, exhales stale air all night long. That means cooler, deeper, more restful sleep and comfort for your loved ones. It means a more sanitary, non-allergenic pillow for today's better living! Before you buy any pillow, zip it open to SEE what's inside!

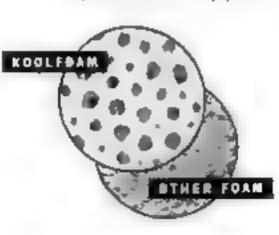
Just compare the lumpy, bumpy pillows of yesteryear with new ever-buoyant Koolfoam. No wonder it's changing the sleep habits of the nation! Now there's no need for lost energy and jangled nerves, due to restless sleep on oldfashioned pillow types. Change to new, improved Koolfoam NOW...and enjoy the rest of your life! Stores everywhere feature big values on all popular Koolfoam pillow sizes. There's a size to fit every head, priced to fit any budget!



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Magnified laboratory photos clearly show advantages of Koolfoam's patented open-pore surface, giving up to 14 times more uir-flow than ordinary foams

anditioned pillows





This super mattress pad gives more comfort, more protection, more life to any mattress, old or new, Non-allergenic 100% Joan later . . . jabric backed for tear-resist strength. Extra thick. Fully washable.

Ask for Koolfoum Sofa Pillows by EDSONART

The world's largest manufacturer of Foam Latex Pillows DAYTON, OHIO - WAYNESVILLE, NORTH CAROLINA



Cochran's Campaign сомтичер



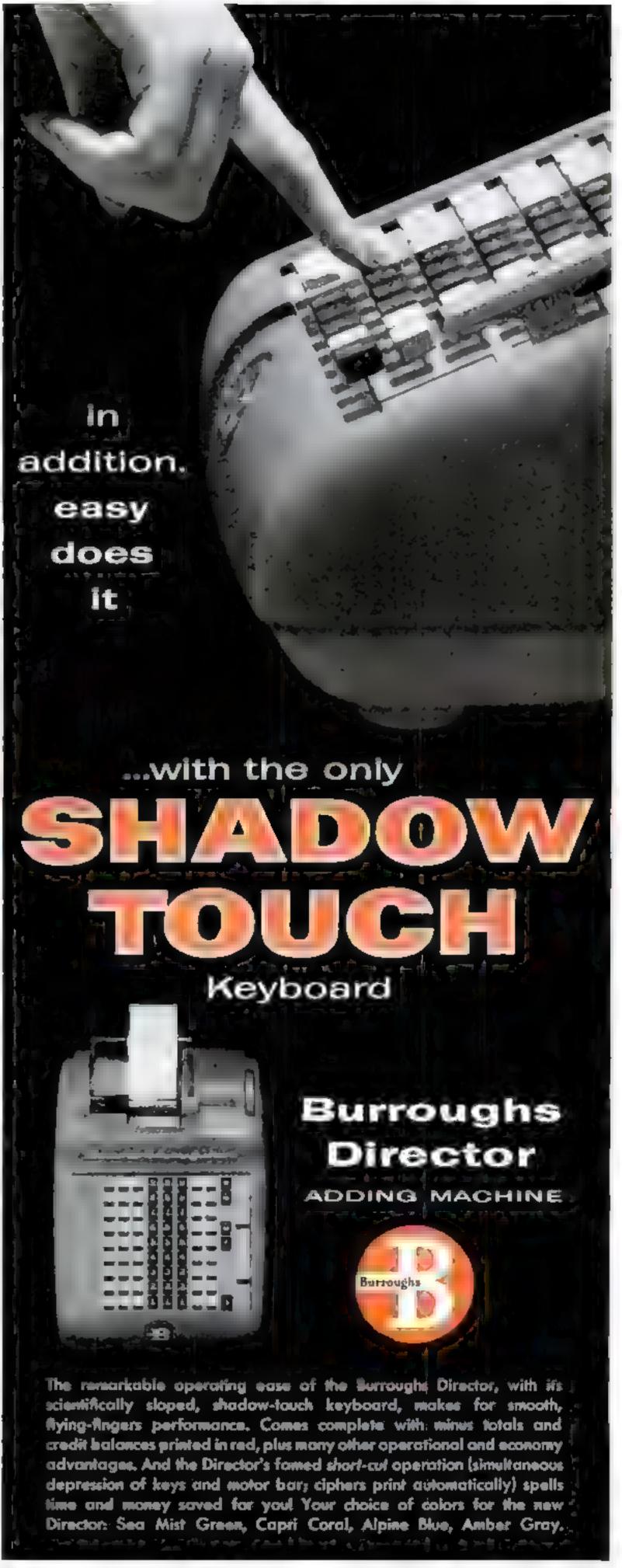
TALKING BY A TRACTOR. Eldridge, who supports Eisenhower farm program, interviews a grape grower, Richard Blackburn, in vineyard at Thermal.

HER DOWN-TO-EARTH OPPONENTS

Waging her airborne campaign, Miss Cochran faced strong opposition from two opponents who stuck close to earth in the rich farming regions. Her chief Republican opponent, Fred Eldridge (above), 44, a rancher from Corona, conducts what he calls a "Kefauver campaign" that emphasizes handshaking. Her chief Democratic opponent is Dalip S. Saund (below), 56, a Sikh who became a naturalized U.S. citizen in 1949 and three years later was elected judge of a district court. If he wins the congressional election, Saund plans to fly to his native India and show himself as "a living example of Democracy in practice."



MEETING IN A MELON PATCH, Saund, who opposes Administration program, hands out petition while Farmer Gregory Kaxeris (center) looks on.



Our local branch or dealer is listed in the Yellow Pages. Burroughs Corporation, Detroit 32, Michigan

Look what the SERVEL Gas Refrigerator offers you today

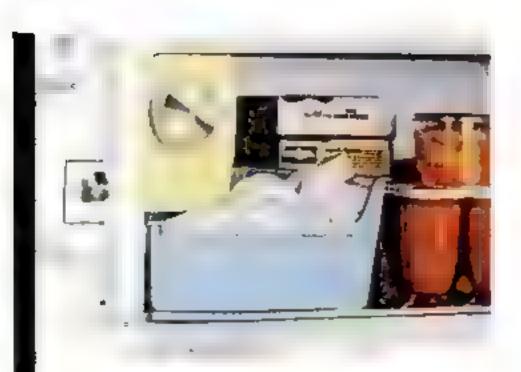
— the most modern ... dependable ... only truly automatic refrigerator!

Hove you checked the advantages of a Serval Gas Refrigerator lately? Automatic defrosting, of course. Adjustable roll-out shelves and plenty of storage room throughout. And all the exclusives you get only in the Servel Gas Refrigerator—the most modern, most automatic of all! A 10-year warranty. Permanently silent operation. No moving parts to wear or repair. The comfort and convenience of the automatic Ice Server... Trip Saver door handles you open with an

ONLY GAS

elbow nudge . . . constant balanced cold at any one of 12 temperature settings. The coolness and quiet of a kitchen, in which a tiny flame brings you these modern refrigerator services. New beauty, too, in Color Balanced Styling—pastel shades inside for easier storage identification, plus your choice of color for outside handles. And make a note of this: only a Servel Gas Refrigerator operates at such low cost, year after year!

AMERICAN GAS ASSOCIATION



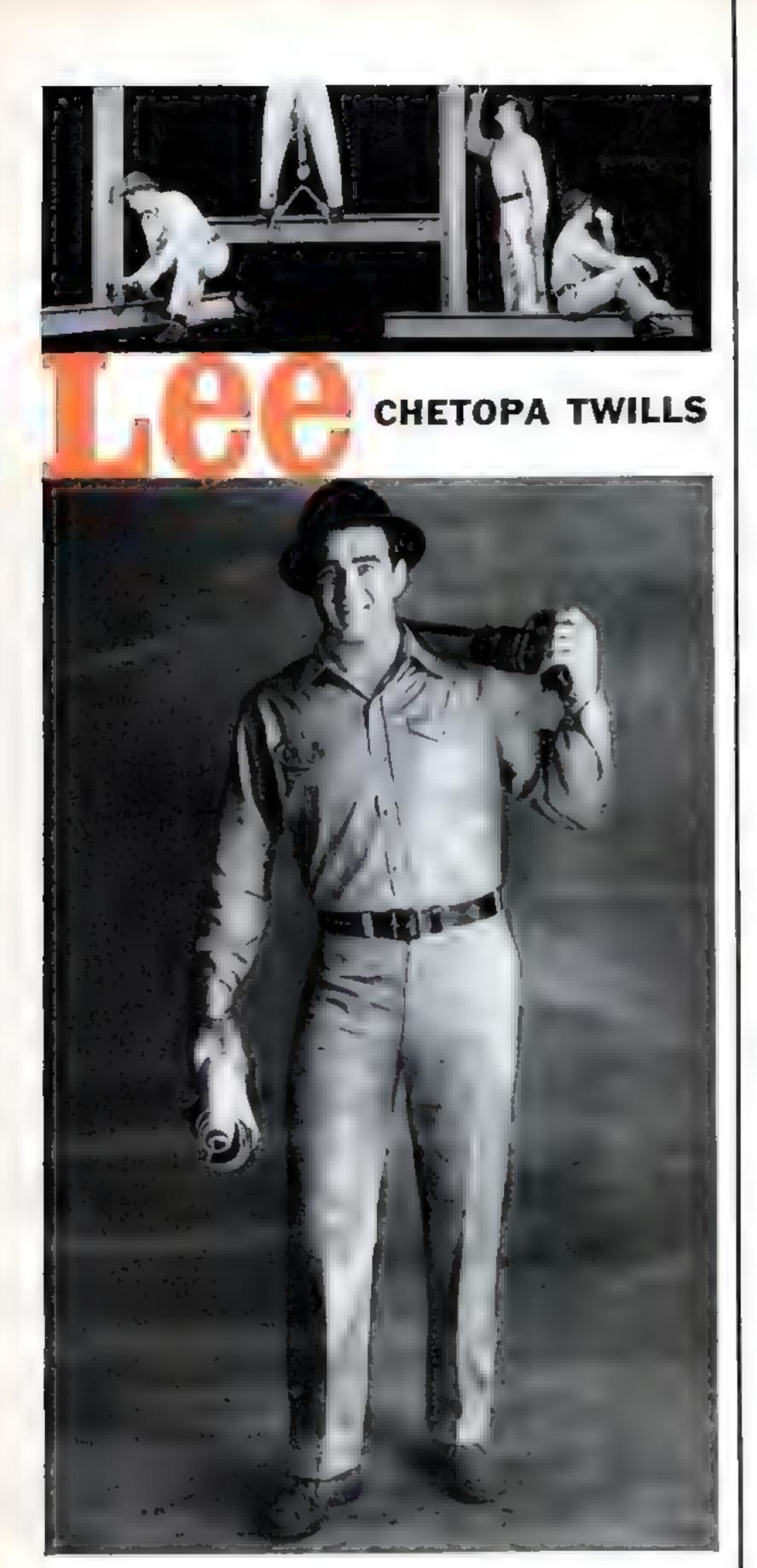
NO MORE BOTHER ABOUT ICE! Your Servel Gas Refrigerator not only makes non-stick (ce cubes, it serves them to you in their own roomy basket. Exclusive Ice Server keeps plenty of cubes on hand at all times, too . . . replaces what's used, automatically! No nussance trays to fill, spill, empty or forget to refill.



See all the modern features of this beautiful SERVEL Gas Refrigerator—on display now at your Gas company or Gas appliance dealer's.

gives such matchless performance





LOOK GOOD TO MAKE GOOD with LEE's 20 "Tough-Tailored" Extras

Look important on the job — and get the notice that gets you places. Don't worry about wear-and-tear on Lee Chetopa Twills. They're Tough-Tailored with 20 extras — like double-stitching, felled seams, tailored sizes to fit men of any build. Shirts with form-fitting shaped waists and tailored sizes . . . pants with slim-hipped styling, comfort-cut seats . . . matched or separate in 4 man-picked colors, Sanforized, too! They've got to fit better, look better, wear longer, or you get your money back or a NEW GARMENT FREE!

THE H. D. LEE CO., INC., KANSAS CITY, MO., WORLD'S LARGEST MAKER OF UNION-MADE WORK CLOTHES

Cochran's Campaign CONTINUED



CHEERY SALUTE is given by Jackie Cachran, per Led on her plane as she doffs hat to Mary Harrell, who showed up on horse at Palm Springs airport.



BIPARTISAN WAVE is given by Miss Cochran to Democrats (left) and Republicans (right) waiting to sign her nonunation lists at the Thermal a sport



POOLSIDE PHONE CALL at home near Indio briefs Miss Cock ran or the reaction to her flying tour. Her husban kent rges from dep in their heated pool.



EN ROUTE TO MEETING, JACQUELINE COCHRAN FLIES HER PLANE, WITH HER HUGE PORTRAIT ON FUSELAGE, PAST II 485-FOOT-HIGH SAN GORGONIO MOUNTAIN

COCHRAN'S AIRBORNE CAMPAIGN

Woman pilot stumps in plane for California congressional primary

The world's most famous woman filer. Jacquehue Cochran, is using her airplane tohore) to campaign for Conpress in California's 29th District covering two big counties southeast of Los Angeles, Holder of dozens of flying medals and records, head of the World War II Wasps, Miss Cochran uses her private Lockheed Lodestar to reach the widely separated towns of her sprawling, mountain-riohed district. In one single day she traveled 540 air miles and made speeches in a half dozen towns.

A staunchly proclisenhower Republican and wife of multimultionaire capitalist Flood Oddium, who owns a 600-acre ranch in the Imperial Valley. Miss Coehran has entered both the Republican and Democratic June 5 primaries. Opposed by five Republicans and two Democrats, she is running strong in both primaries.



candidate at the controls, Miss Cock ran takes off from Thermal airport after making speech.



French's-the only parakeet seed with the new Pep-Up Biscuit

Your parakeet depends on you to keep him happy and playful. Help him perform his best by feeding clean, dependable French's Parakeet Seed! Every package contains a special biscuit that promotes vigor; sharpens appetite, aids digestion. Always feed French's—the only Seed with the pep-up biscuit.



YOU CAN DEPEND ON FRENCH'S 54 YEARS OF EXPERIENCE

Pet parakeets should have a complete, varied diet—the kind wild parakeets find in nature. French's Natural Feeding Diet is scientifically prepared to provide just such a tasty, balanced menu. Make sure your pet has all the food elements he needs by giving him regularly the "Basic Five"—French's Parakeet Seed and Biscuit, Treat, Conditioning Food, Cuttle Bone, and Gravel.

PROTECT YOUR PARAKEET'S HEALTH

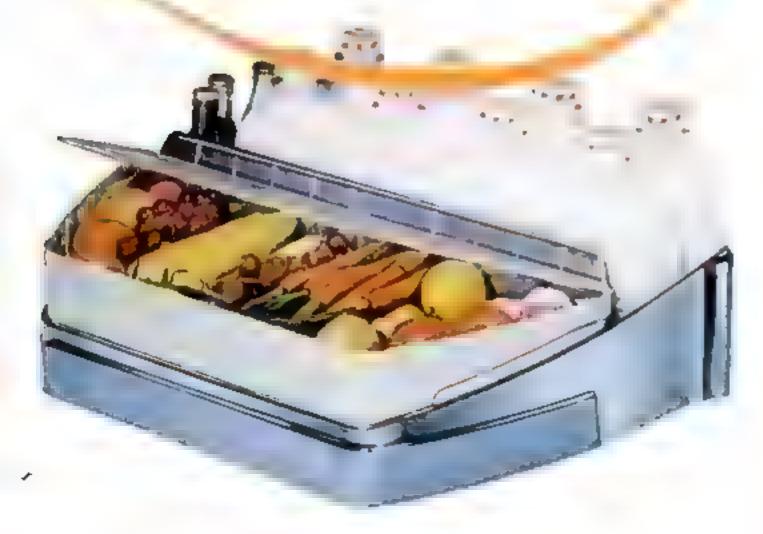
French's NATURAL FEEDING DIET

use most often are <u>Right Out in Front...</u>
no fumbling, no groping, no reaching

Hotpoint Big Bin America's new refrigerator-freezer!

Gallons of milk and

Gallons of milk and
other beverages—your fresh fruits
and vegetables—and all right here
at your fingertips!



The instant you open the door, all the foods you use most often are right out in front. "Convenience" isn't the word—it's almost automatic!

The giant new Big-Bin door shelf puts at your fingertips all your fresh fruits and vegetables. Plus those hard-to-get-out big bottles (even half-gallons!) that jam up top and bottom shelves in most other refrigerators.

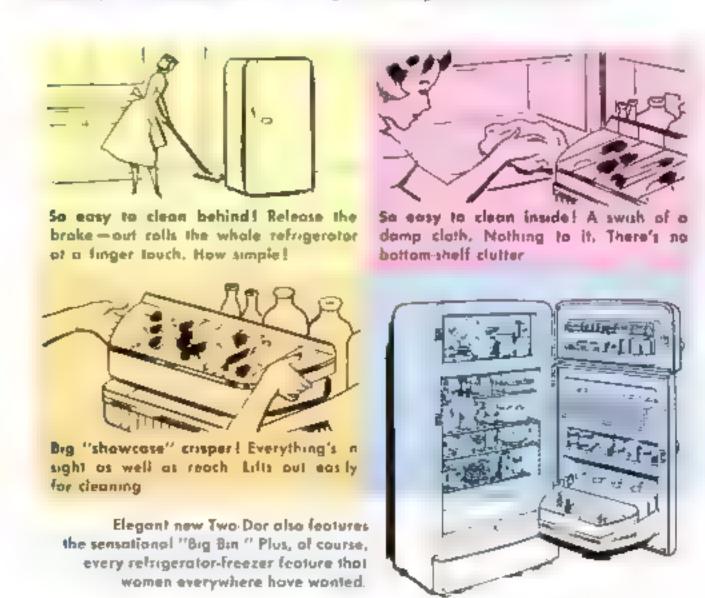
Big-Bin takes the big load off top shelves : . . gives eye-level storage for jars, leftover dishes, small containers.

Then look in your "showcase" crisper. See how quickly, easily, you find what you need for your salads, your fruit dishes. (The crisper lifts out so easily, too!)

Still more news! Because of Big-Bin's ideal humidity and matchless Circulaire Cooling, foods last and last and last—stay fresh and firm and fine.

Big-Bin has so many new advantages! This refrigeratorfreezer rolls out from the wall with just fingertip pressure for easy cleaning behind and beneath. What's more, Big-Bin's the world's easiest refrigerator to clean inside.

Fully automatic defrosting, of course. And the true food freezer, with 75-pound capacity, stays at a super-safe zero. And still more! Sliding, adjustable aluminum shelves. A complete Dairy-Stor in the door, with 6-pound-capacity cheese keeper, spread-control butter-bin, and egg rack. Five beautiful decorator colors, or classic white. See your Hotpoint Dealer soon.



EE Ottoolint Co.

Hotpoint Co. (A Division of General Electric Company), Chicago 44

Ranges - Refrigerators - Automatic Washers - Clothes Dryers Customline - Dishwashers - Disposally® - Water Heaters Food Freezers - Air Conditioners Just open the door...all the foods you



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REIS PERMA-SIZED KNIT UNDERWEAR WILL NOT SHRINK OUT OF SIZE!

REIS PERMA-SIZED® guarantees that the size you buy is the size

it stays! PERMA-SIZED Knitwear, exclusive with REIS,

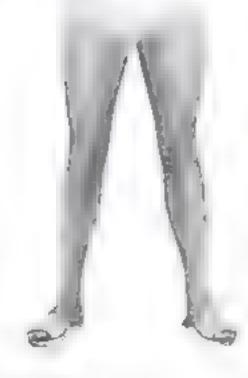
has the stamine to withstand countless launderings, in any equipment. Laboratory tests prove this!

Change to REIS PERMA-SIZED - live in comfort!

and REIS PERMA-SIZED
UNDERWEAR
Needs No Ironing!
Just wash and wear!



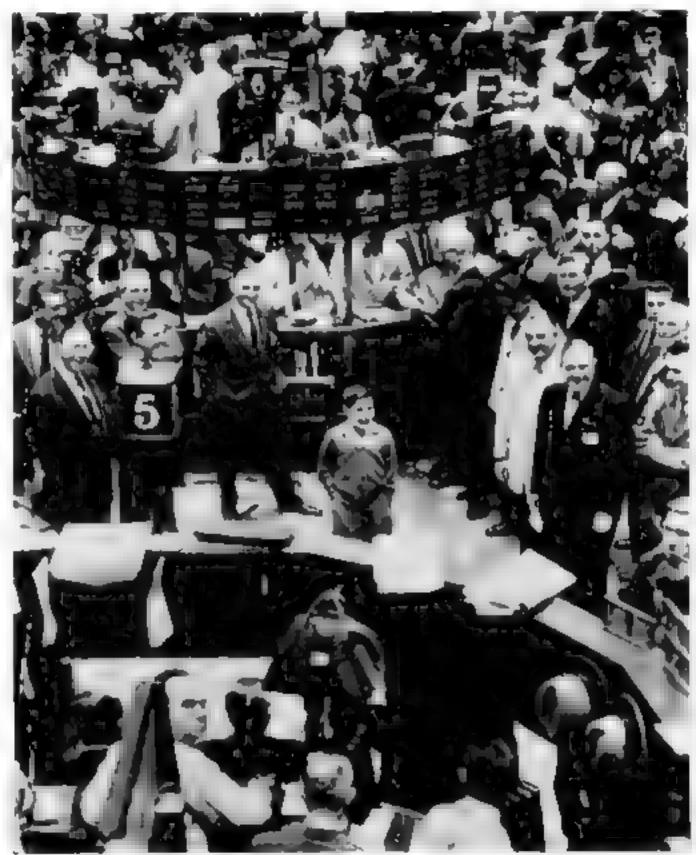
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\$1.10 & \$1.20
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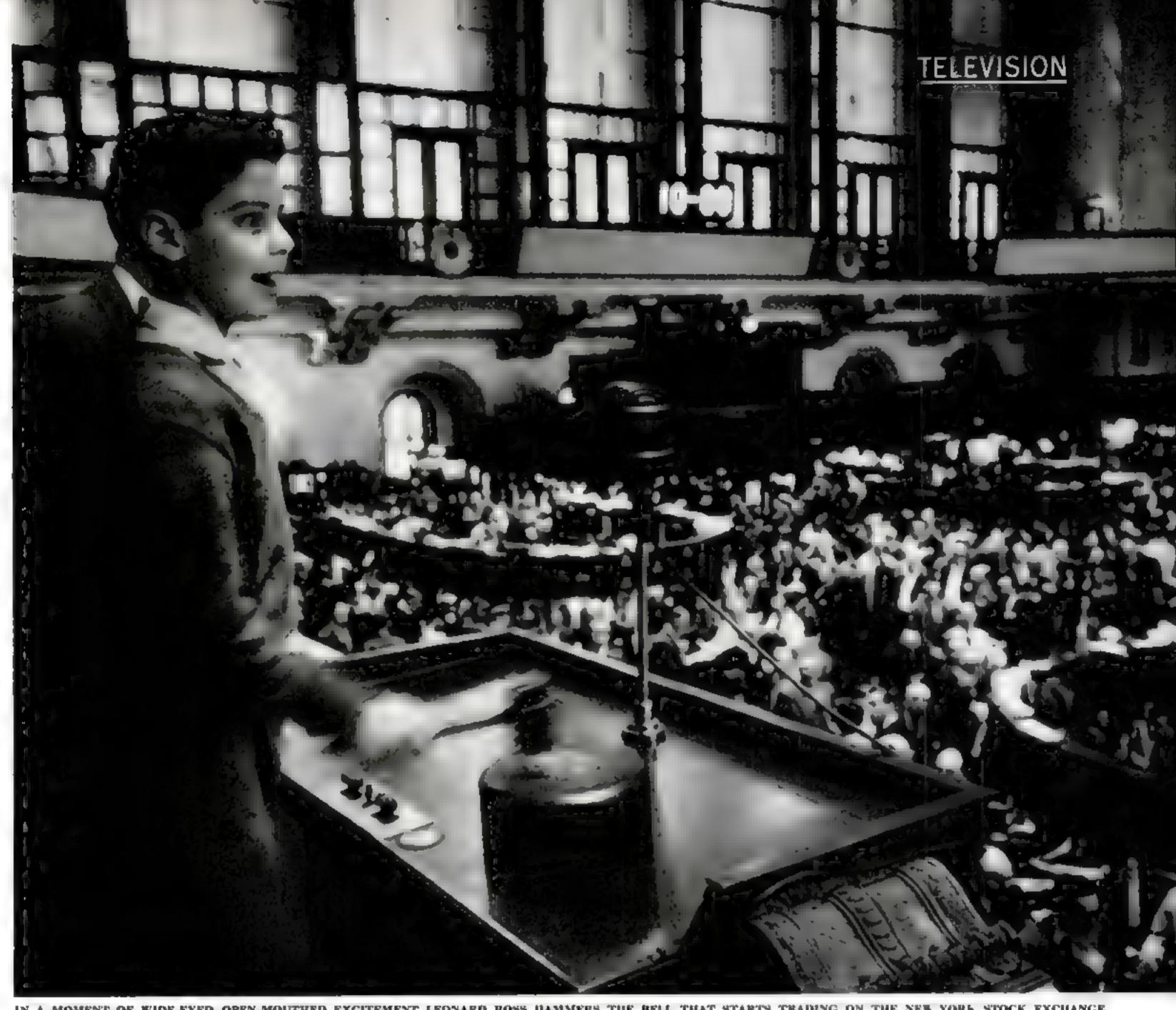
AT STOCK EXCHANGE Leonard is welcomed by President Keith Funston. Exchange gave him \$2,400 plus \$40 a month for five years to invest.



ON FLOOR of the stock exchange, trading is interrupted briefly as admiring brokers who followed Leonard's TV progress gather around the young expert.



AT BANK with his mother Leonard discusses setting up trust fund with bank official. An oil company gave Leonard a four-year college scholarship.



A PRODICY RINGS THE BELL

The stock market honors a 10-year-old expert who won \$100,000 on a TV quiz show



INFANT Leonard Ross (with mother) was born while stock market was rising.

For the first time in its 164-year history the New York Stock Exchange last week was opened by an outsider. The bell that starts trading on the market was rung by Leonard Ross, a 10-year-old produgy from Tujunga, Calif., who earned the honor and \$100,000 by answering stock market questions on NBC-TV's The Big Surprise.

For his final test Lennie was asked a 13-part question on market regulations and U.S. corporations. When he named two companies that split their common stock 4 for 1 in 1955 (U.S. Pipe and Foundry and Western Union) and one that split 5 for 1 (Reynolds Metals), the \$100,000 was his. Lennie's interest in the market was aroused when he was 7 and heard his father, a certified public accountant, discuss stocks. Noticing his interest, Mr. Ross bought him copies of Standard and Poor's and Fitch Stock Record. Lennie studied them, looked up quotations and even mentioned some promising stocks to his father. They paid off handsomely and Lennie happily pursued his hobby, cramming his young head full of things like the ticker symbols of the most active stocks on the New York exchange - more than 300 of them.

With his \$100,000 he plans to buy presents for his parents, make donations to charities, pay some \$65,000 in taxes and buy some stocks. He is a conservative and won't touch anything that seems speculative.



CONTESTANT Leonard Ross answers Mike Wallace's \$100,000 question on TV.



Once you've tried it, you'll never give it up

No foolin! Love and the new Royal Standard Typewriters go together like you know what.

Try its touch. Light and easy, isn't it? Now, tabulate a bit . . . with a simple twist of the wrist. Or set margins. Click! That's all you do with Royal's famous Magic® Margin.

Try every control key. Easy, aren't they? They were built with you in mind. Royal planned it that way.

Royal Standard Typewriters are preferred 21/4 to 1 by people in business who type. Royal Standards are rugged. They take less time out for repairs.

So, how about a free trial? Your Royal Representative will be glad to bring a new Royal Standard to the office.

This typewriter comes in six beautiful colors. Ask your Royal Representative to show you all six, so you will have a chance to select the color you like best.

They are all beauties. But we warn you once you've tried it, you'll never give it up.





RUYA standard electric • portable • Roytype business supplies



My Little One" and Modern Ways In Toilet Training were both prepared under the supervision of the CHELD STUDY ASSOCIATION OF AMERICA. Each carries a foreword by Klemert's distinguished medical consultant, J. R. Mote. M. D. Get your free copies at Infants' Departments or Stores anywhere

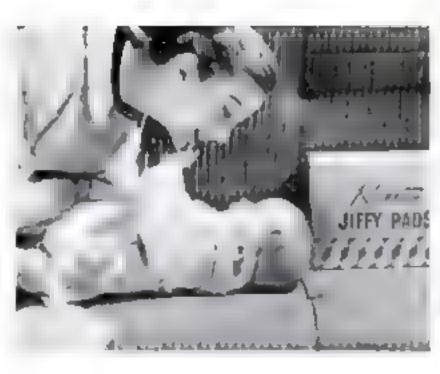


White and pastels. Only \$1. Prices slightly higher on the East Coust





Now! Dispose of the damp diaper problem when you travel with baby!



Try Kleinert's snap-on Jiffy Pants and throwaway Jiffy Pads next trip; you'll never lug messy laundry again! This modern duo makes quick "changes" easy. You just change the pad, not the pants! Tuck in a fresh pad (see right); toss the wet one away! Jiffy Pants are made of wetproof Softex; \$1.50 Jiffy Pads are petal-soft yet have great wet-strength; won't disintegrate on baby; NO harsh gauze! Box of 48, only \$1.59.





Magnavox Gold Seal instruments carry a full year's warranty on all tubes, all parts-and a service guarantee for 3 months. Only Magnavox gives you this protection—this assurance of complete reliability.

Tune in "Private Secretary" starring Ann Solhern-CBS TV Network



The magnificent Magnavox looks alive...sounds alive

For the first time you feel the picture is real—sweeping you into the scene. In this magnificent Magnavox four high fidelity speakers, two on each side of the big, lifelike picture, surround you with natural sound that lets your ears believe what your eyes are seeing. This is Stereosonic sound—and only Magnavox has achieved it. Let a demonstration prove this remarkable realism. Magnavox instruments are sold only through selected dealers. One is near you and his name is listed in the yellow pages of your phone book. Other Magnavox models from \$149.50. The Magnavox Company, Fort Wayne, Indiana.

The Gold Seal Videorama, above, in its superb low horizontal cabinet, only \$329 50 (VHF), complete with table. In background, The Berkshire, masterpiece high fidelity AM-FM radio-phonograph—4 speakers, 25 watts audio—in mahogany \$495. Below, The Magnavision 21, only \$179.50 (VHF), in cordovan, complete with stand.



the magnificent

agnificent

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high fidelity television - radio-phonographs



The model in the equadron commander's hand in Chance Vought's F8U-1 Crusader ... World's Fastest Navy Fighter.



Meeting of the board

CHANCE

This is a briefing for action! The chairman is a squadron leader...he is responsible for today's show. The mission is gunnery. His hands talk in jet-age language as he describes a high altitude target approach.

These are Navy pilots. Young men who love the challenge of high adventure. In minutes, they will be streaking through the sky...putting to work the unmatched flight skill that over \$70,000 worth of Air Navy executive training has given them.

Now their executive suite is a shipboard ready room. Tomorrow, it may be the bridge of an atom-powered carrier or the meeting room of a giant corporation. In either case... Air Navy training is making them ready for the job. They have been taught by experts... they learned well.

Their ability to think clearly...act quickly, their sureness under the responsibilities of command, their alert concern for safety and other men,

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NOW THERE ARE TWO WAYS TO BE A NAVAL

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AVIATOR (please check the program you want)

their inspiring spirit are all Air Navy qualities

that mark them as men of authority...proud

men who serve their country on a proud team.

The Air Navy team is the team to make / Can

you qualify for it? Can you qualify for over

\$70,000 worth of Air Navy executive training

that will benefit you all through your life? Visit

your nearest Naval Air Station for details or

send the coupon below today to: NAVCAD,

1. NAVCAD PROGRAM. If you are 18-25, unmarried, with at least two years of college, you can qualify for the regular program.

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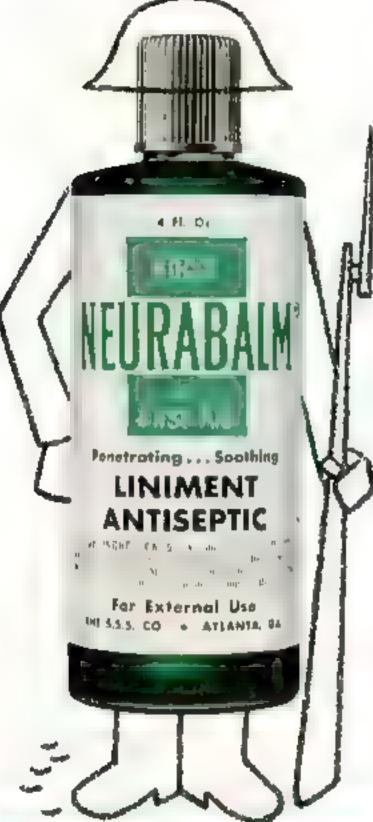
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Penetrating . . . Soothing
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NEURABALM ... cooling,

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Available at druggists everywhere.

A Product of THE 5.5.5. CO. — ATLANIA, GA.



MAN'S EVENING SHIRT has a double row of ruffles on each side of front (Leighton's, \$20). In the smallest collar size, 14, it will fit most women.





THERMOSTAT wins infra-red elements on and off as needed to maintain a constant, even temperature that toasts all the way through. Bread is never merely browned on the outside and doughy inside, but toast-textured through and through!

cotor control DIAL can be precision-set to any shade. Whether your bread is moist or dry, white or rye, you always get toast just the way you want it.

EXTRA LIFT-UP raises small slices of bread, muffins and waffles an extra inch for easy removal.

new **PRECISION-ACTION WESTINGHOUSE** in gleaming chrome. For a limited time, a toaster of any style, any shape, any age is worth \$5 when you buy this \$21.95 Westinghouse. Result? You get the world's most modern toaster for just \$16.95. See your dealer today and remember—you can be sure...if it's Westinghouse!

WATCH WESTINGHOUSE!

where **BIG** things are happening for **YOU**



LAUNDRY PROBLEM-Soap curds left in the weave of the fabrics. Old-fashioned hard water resists soap, forms soap curds, won't rinse clean, causes extra work.

IS OLD-FASHIONED WATER giving you the jitters?

Tattered nerves . . . unsoftened water . . . They go together, hand in hand! Old-fashioned hard

water makes you suffer . . . even though you may not know it! Excess minerals in the water cause . . .



gray, harsh, faded laundry make your hosiery wear out before its time. In your kitchen, dishes and glasses are streaked with a dull film... ... In bathrooms, tubs have rings.... Throughout the house, soap bills are big because more soap is needed when you use unsoftened water.... Why not end all this? You can, easily!... Any water is soft ... soft as a cloud after running through a modern water-softening appliance... ... Look in your Yellow Pages under "Soft Water"

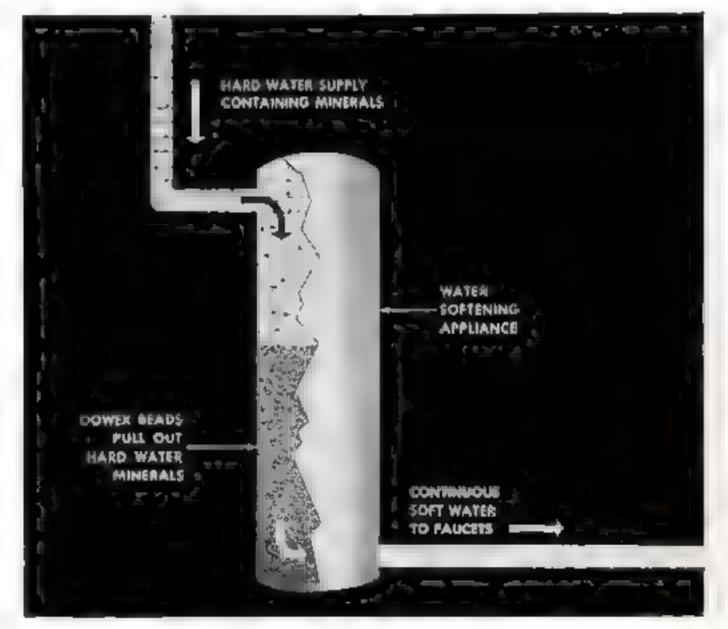
... or "Water Softeners" or call your plumber.... Find what a whiz washing is when you have

truly soft water.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN



SOFT AS A CLOUD! Billowing suds - rich, gentle, free of curd—are yours when you have soft water. Clothes wash fresh, soft, bright—delicate hosiery looks better, lasts longer. Every washing task is easier. Dishes and pans sparkle. Hair gleams. Plumbing is free of scale. Appliances perform better, longer. Even dispers rinse free of scap curd to protect baby's skin from disper rash. You enjoy other important benefits—without packaged chemical softeners, special detergents or scaps.



SOFT WATER STORY. Seeping through the earth, water gathers minerals, becomes hard. The more of these minerals, the harder the water. See how water softeners (above) remove hardness. For superior equipment, look for the DOWEX® label. DOWEX is distributed by National Aluminate Corporation.



you can depend on <u>DOW</u>



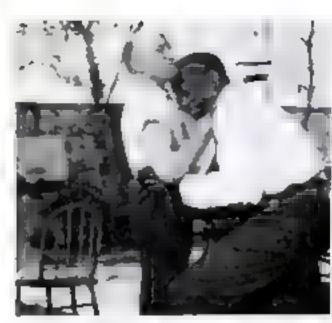


HIS MASSIVE MUSCLES BULGING, WRESTLER DICK AFFLIS FAILS IN AN ATTEMPT TO LIFT JOHNNY COULON FROM SCALE

WHAT KEEPS JOHNNY ON THE SPOT?

Johnny Coulon, a gnomelike 67-year-old who was once (1908-14) world bantamweight champion, has been defying anyone to lift his 109 pounds for nearly half a century. Some of the world's brawniest athletes, including a roster of heavyweight champions (nght), have struggled vainly to lift Coulon. The latest to try was an awesomely muscled wrestler named Dick ("The Bruiser") Affits. He lifted some of Coulon's

weight but could not get his feet off the scale platform. Coulon, who will go on a world tour later this month exhibiting his trick, maintains complete silence about how it works, but scientists say it is really no trick at all. By placing one hand lightly under the chin of the lifter Coulon exerts a strong but subtle counterforce, putting the strong men in the impossible position of having to lift themselves by their bootstraps.



JACK JOHNSON TRIED



SO DID JACK DEMPSEY



AND GENE TUNNEY



AND PRIMO CARNERA



AND JOE LOUIS

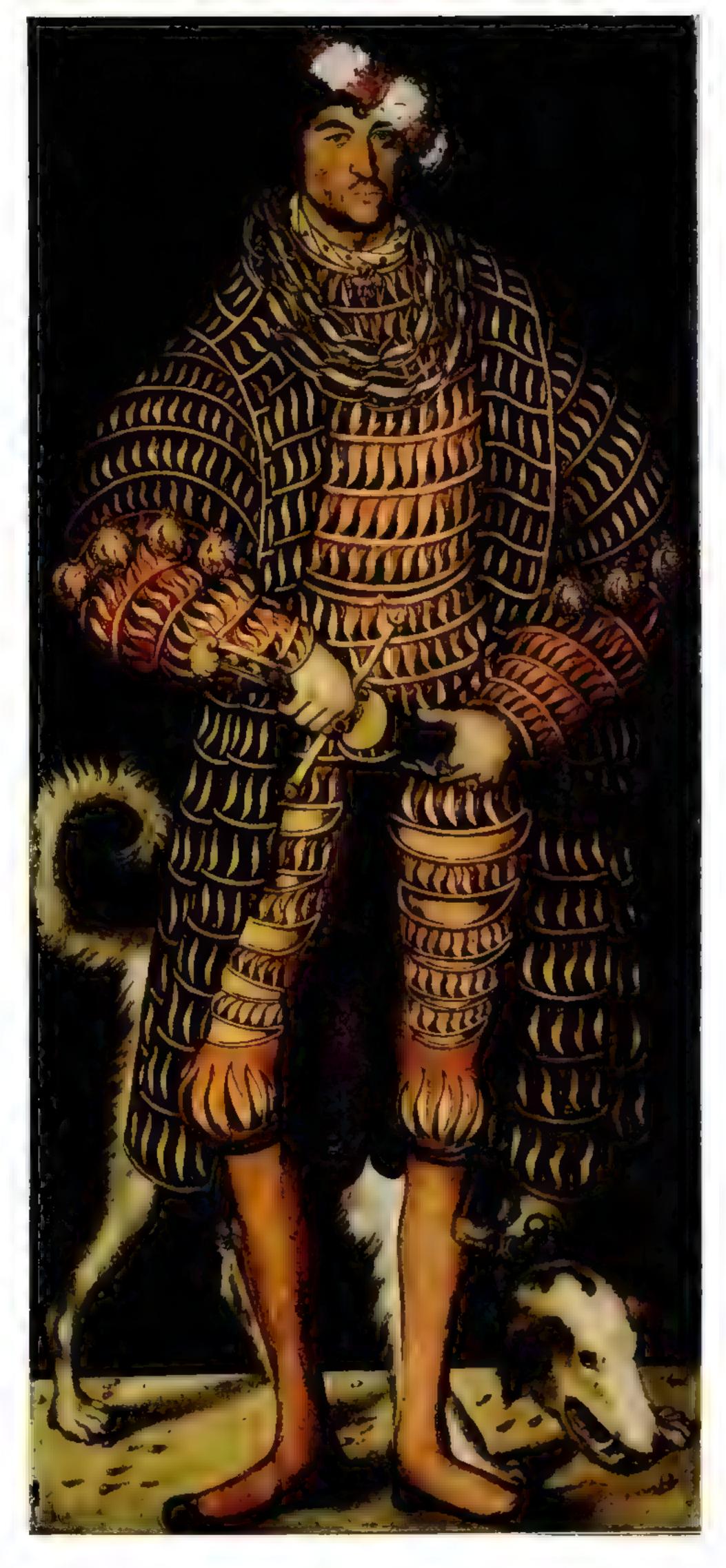


AND ROCKY MARCIANO



Nylon tricot, just one shade darker than an ice cube and just as cool! Perfect for Mother's Day. Gown, 32 to 42 sizes, 8.95; 44 to 46, 9.95. Waltz Gown, 32 to 40 sizes, 8.95. Slip, 32 to 42 sizes, 6.95. Not shown: Petticoat, 4.95. Brief, 2.50. Also in other ice shades.

1 of the last as the





DRESDEN'S NEW MARKET

A main square of Dresden was painted about 1750 by the Venetian Bellotto who was commissioned

PRIDE OF SEEN

Art collected by Saxony dukes

Ever since the 18th Century the greatest pride of Dresden has been its celebrated collection of paintings. Made up of some 2,500 works, it includes old masters in staggering profusion—16 Rembrandts, 21 Cranachs, 17 Rubenses—and one of the most famous of all paintings, Raphael's Sistine Madonna. Next month, after 10 years in Russian exile, the collection will go on view in its customary quarters in the Picture Gallery of Dresden, in East Germany. On these 10 pages LIFE presents the first big postwar view in color of Dresden masterpieces. Although some of the paintings suffered damage during and after the war (LIFE, Feb. 20), all of those shown here are in good condition.

Dresden owes its treasures to the voracious art appetite of the German dukes, called electors, who ruled over Saxony. One of the earliest collectors was the 16th Century elector, Frederick the Wise, who employed Cranach to paint alterpieces and portraits. The collection

HENRY THE PIOUS BY CRANACH

A cousin of Elector Frederick the Wise, Duke Henry posed for Cranach in 1514, accompanied by a hungry hunting dog. The duke earned name of Pious when he championed Protestantism in duchy of Saxe-Lauenburg.



BY BERNARDO BELLOTTO

by Augustus III. This view was done from gallery above stables in which the collection was housed.

DRESDEN ANEW

is restored to German museum

grew slowly until Augustus the Strong came to the throne in 1694. After a grand tour of Europe, he acquired 200 Italian, Dutch and Hemish masterpieces. These served as mere appetizers to his son, Augustus III, who dedicated himself and his treasury to art. Sending his agents all over the Continent, he bought 751 paintings in a single year. In 1745, at a cost of 12 barrels of gold, he purchased a hundred more masterpieces from the Duke of Modena. In 1754 he went after the Sistine Madonna in Italy, bought it for the equivalent of about \$50,000. When it arrived at his palace, Augustus pushed aside his throne, exclaiming, "Make way for the great Raphael."

The Seven Years' War brought an end to this buying spree. But the collecting electors of Saxony had already succeeded in cornering so many masterpieces of painting that even after 200 years Dresden still has tew equals among the greatest art collections of the world.

KATHERINE BY CRANACH

A member of the noble family of Mecklenburg, Katherine married Henry the Pious in 1512, was painted with her own dog two years later by Cranach, who signed his name with snake motto given him by Elector Frederick.





THE HOLY FAMILY BY MANTEGNA

Painted in Italy about 1500, Mantegna's portrayal of the Holy Family with Elizabeth and young John the Baptist is one of the few Dresden acquisitions made in the 1800s. It was bought from a London collection for about \$10,000.

PRESENTATION OF MARY BY CIMA

Around 1500 the Venetian Cima da Coneghano re-created, in a Renaissance setting, the voung Virgin's presentation to the priests of the temple. The painting remained in a church in Venice until 1743 when Augustus III bought it.



LAVINIA WITH A FAN BY TITIAN

Soon after his daughter's marriage in 1555, Titian painted this portrait of her holding the small fan traditionally carried by Venetian brides. Augustus III obtained the portrait when he bought the Duke of Modena's collection.



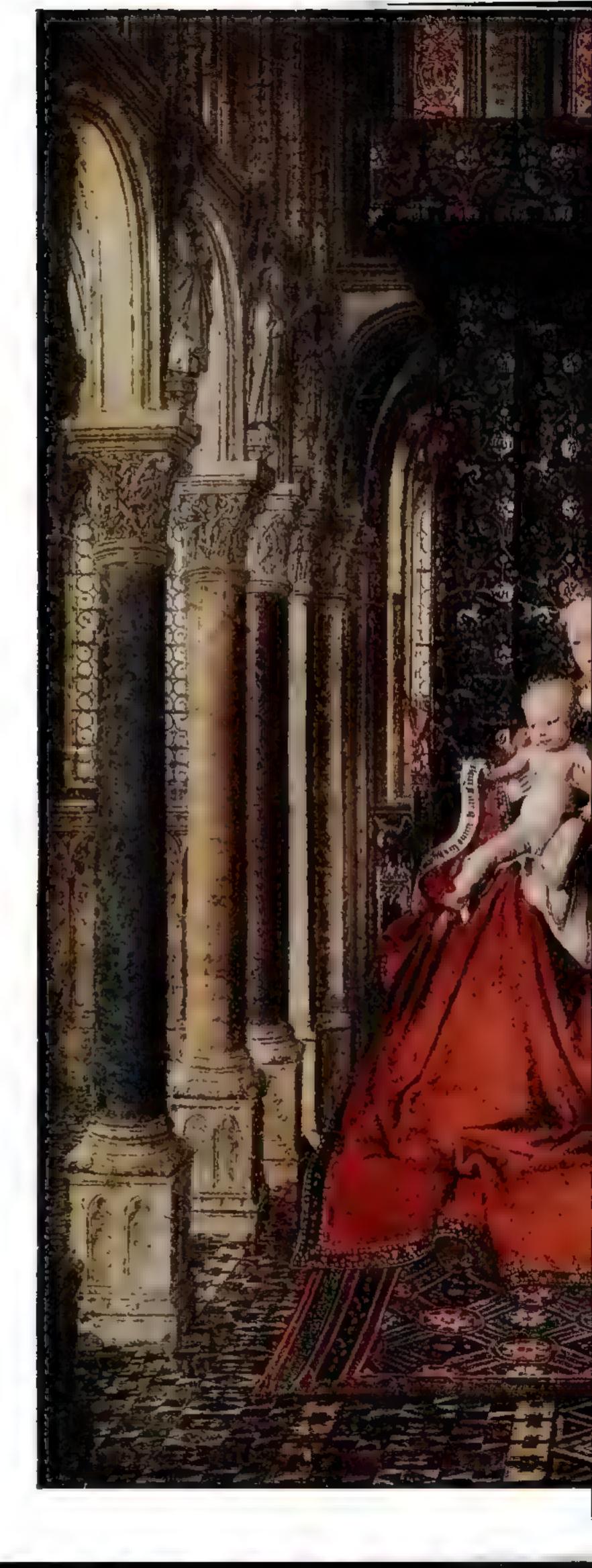
COMMANDER IN ARMOR BY VAN DYCK

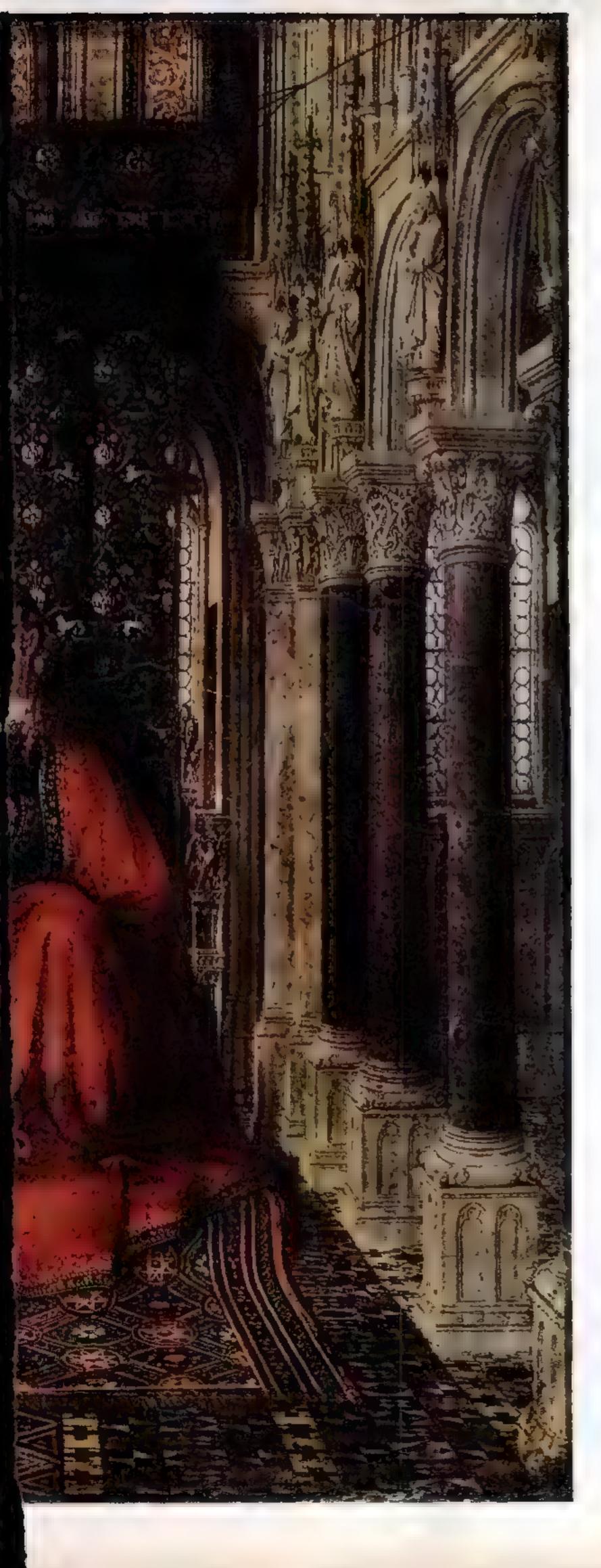
This portrait of a well-turned-out officer in polished armor is one of 26 Van Dycks owned by Dresden. Augustus III bought it with 267 other paintings owned by a Bohemian count in 1741, a century after it was done by Van Dyck.





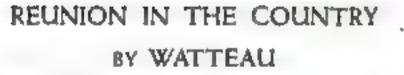
MADONNA AND CHILD WITH SAINT AND ANGEL
BY JAN VAN EYCK





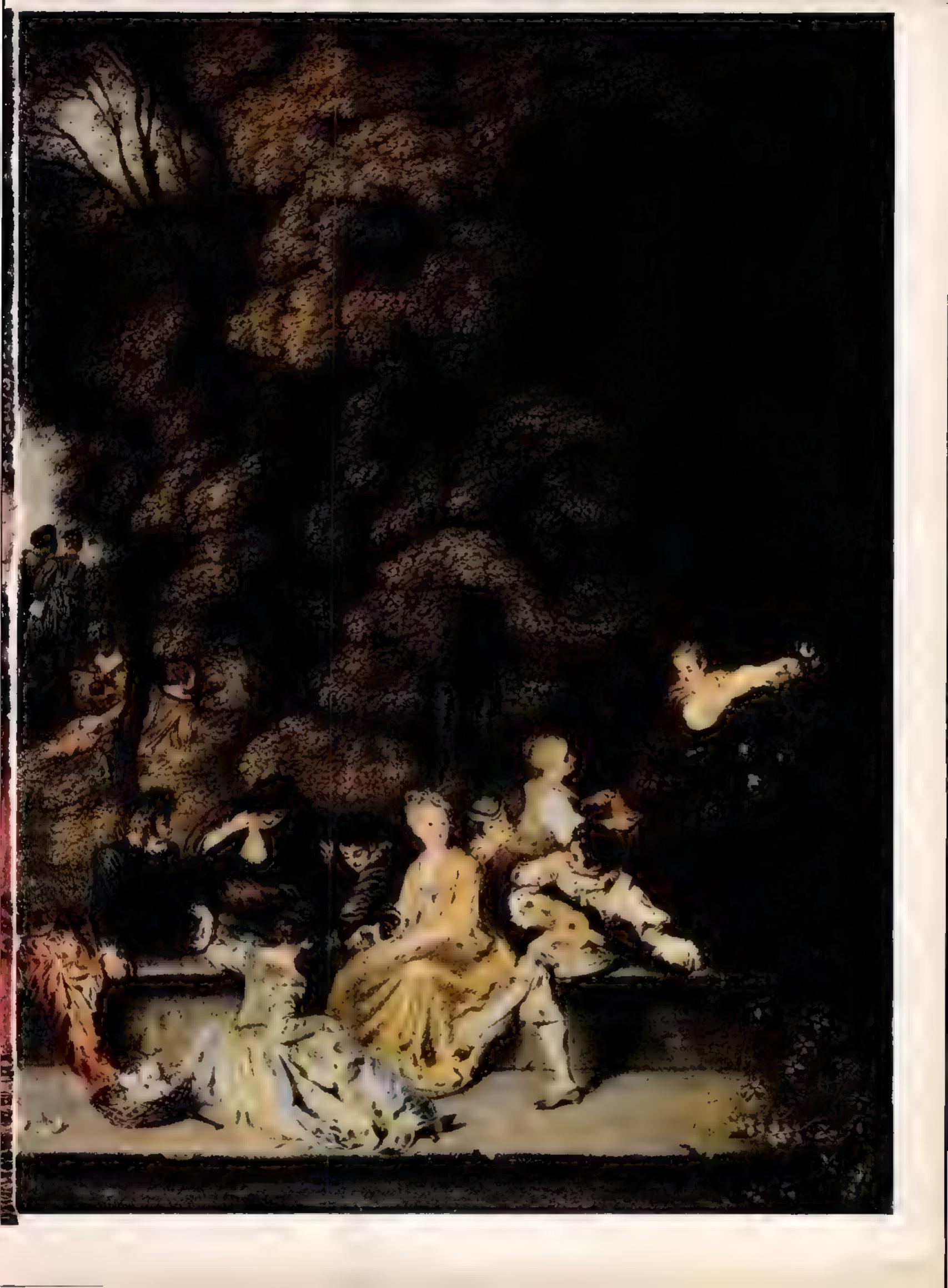


One of Dresden's rarest treasures, Van Eyck's jewellike altarpiece shows Madonna and Child with St. Catherine (right unig). Archangel Michael and unknown donor of altarpiece (bift unig). Painted about 1435, it was bought from a Paris collector in 18th Century.



Although Augustus III spent vast sums on paintings by Italian and Flemish masters, he did not neglect the French school which had risen to importance in the 18th Century. He dispatched his agent, a German connoisseur named Heinecken, to Paris to obtain choice works by French painters like Antoine Watteau. Among Heinecken's purchases was Watteau's pastoral scene at right. Painted about 1719, two years before the artist died at 36, it presents an idyllic image of the carefree dalliance and tuneful pleasures pursued by the French court in the royal parks.







SAMSON'S FEAST BY REMBRANDT

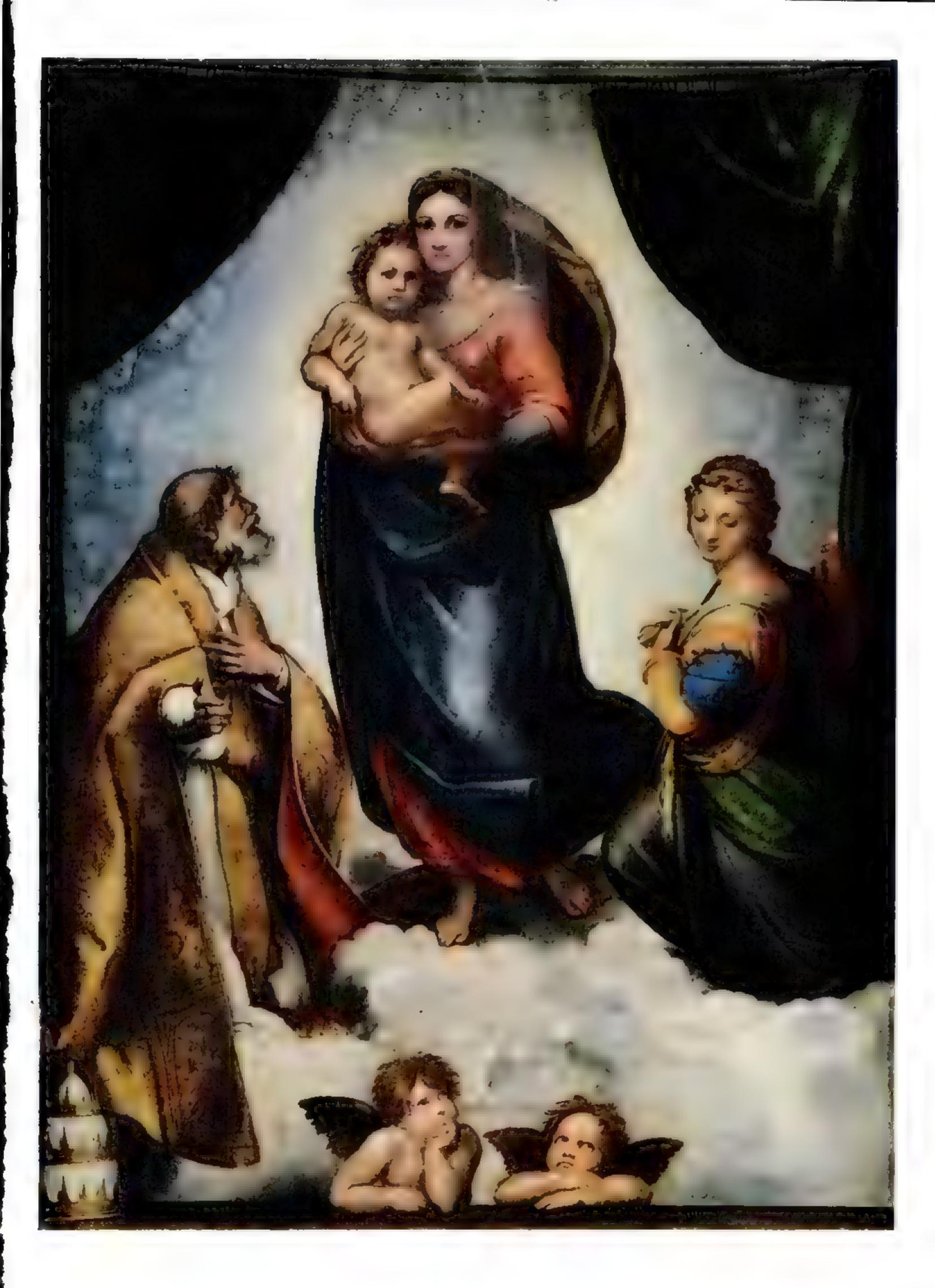
The Bible story of Samson fascinated Rembrandt, who depicted it four times. This scene of Samson posing a riddle to guests at his wedding was painted in 1638, acquired for Dresden by Augustus the Strong.

DIANA OF THE HUNT BY RUBENS

Bought by Augustus the Strong, this painting of bacchants welcoming Diana back from the hunt was partly executed by Rubens' assistant, Frans Snyders, who specialized in painting animals and fruit.

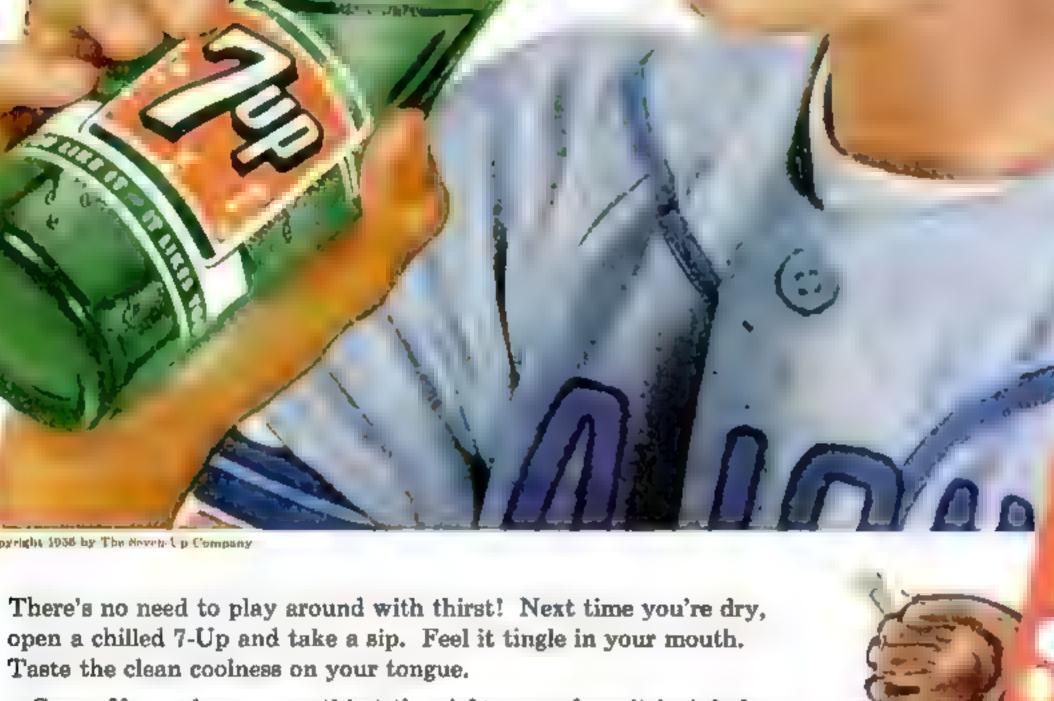
SISTINE MADONNA BY RAPHAEL

About 1510, for San Sisto church in Piacenza, Raphael painted his famous Madonna attended by St. Sixtus. St. Barbara and cherubs. It remained in Italy until Augustus III bought it some 200 years ago.



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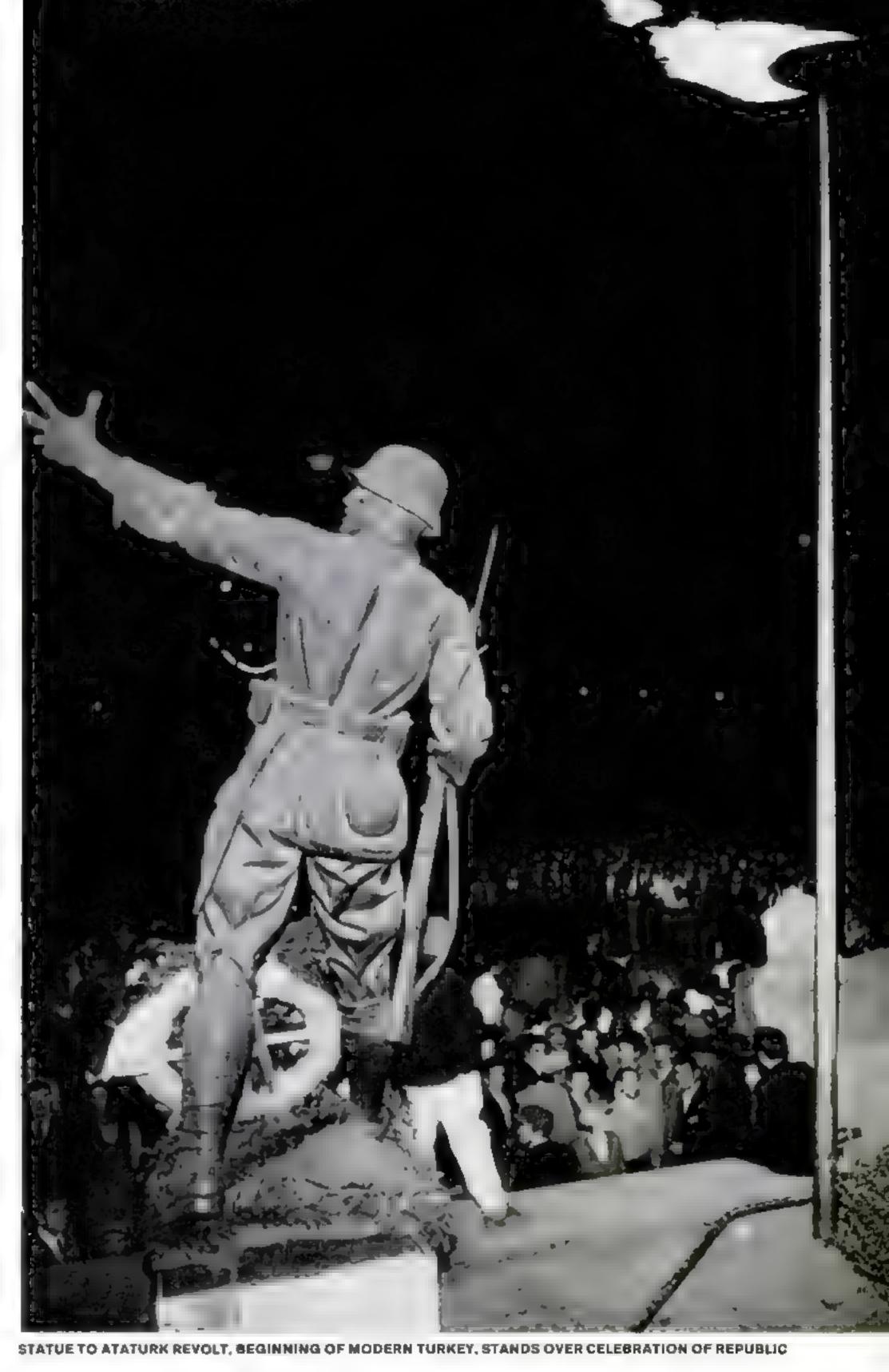
"Fresh up" with Seven-Up!

THE CASE FOR A FRIEND IN NEED

A top U.S. industrialist foresees bright future beyond Turkey's trials

The U.S. is currently engaged in decisive economic discussions with Turkey, one of its staunchest affies and one of the most troubled. Despite extensive American aid since 1948, Turkey has been weakened by inflation caused in part by a government which overspent in its eagerness to industrialize. Turkey's leaders, who in the past resisted U.S. advice while requesting ever greater U.S. assistance, have now engaged Thomas E. Dewey to help them plead their cause. And there is hope that agreement will soon be reached whereby Turkey will adhere to a financially sound posture in return for continued and increased U.S. ald.

The man chiefly responsible for the hope is Clarence B. Randall, retired board chairman of Inland Steel and special consultant to the President on foreign economic policy. He entered the discussions at the request of both sides. As a friend of both parties to the disagreements which have marred recent U.S.-Turkish relations, he made a realistic and persuasive review of what he calls "the partnership arrangements of the two." In this article he gives his expert appraisal of Turkey's past difficulties and continuing assets as an ally.



by CLARENCE B. RANDALL

FAR out to the east, guarding the right flank of the free nations, stands the gallant Republic of Turkey. Along 1.500 miles of border her strong army faces the source of danger, keeping watch to the north and east round the clock.

For the Turks this is not a new posture of defense. Throughout three centuries of history and 13 wars with Russia, the Turks have manned the same mountain passes and guarded the same dark waters of the Black Sea. They were thus on guard before Washington crossed—the Delaware, and the posture they now maintain is taken not because of American aid but out of deep conviction. It is more effective because of modern arms we have made available, but if the Turkish soldiers were barefoot and armed only with stones and clubs they would still be manning those passes and patrolling those coasts—and thus contributing to our security. So when Americans grumble

to me about American aid to Turkey, I ask if they have ever reflected upon Turkish aid to America.

Seldom in history has any nation, not excluding the United States, gone so far so fast as has modern Turkey since May 19, 1919. That was the day when Mustafa Kemal Pasha, who was renamed Ataturk (father of the Turks) by a people grateful for his leadership, landed at Samsun on the Black Sea and plunged into the task of transforming a series of medieval communities into a new country.

Now America's 19th Century is reproducing itself in Turkey. Her leaders in government and business dream the same great dreams that our leaders dreamed. Eventually many of theirs will probably come true, as did ours. Her population, like ours, is fused from many racial strains. Above all she has chosen democracy, as we did.

We opened up our country by driving transcontinental railroads

from coast to coast. The Turks cut new highways into remote areas to reach villages that the old regime had deliberately kept inaccessible. Trucks now carry the farmer's produce from the villages to the sea. The traffic goes the other way, too; the roads bring the villages new ideas, new principles of government and education. And with easier communication comes the possibility of direct and cohesive national leadership for the whole country.

But just as it was not all success for us in the roaring 19th Century, so the new Turkey suffers some severe growing pains of its own. We Americans are apt to remember those things that we did well and to forget our failures, but actually we too made many mistakes. For each great achievement in railroad building

we built one that was badly conceived and inadequately financed. The Turks too have occasionally been carried away by the heady excitement of rapid growth and have committed precious resources to projects that were either premature or improvident or both.

Take for example their steel plant at Karabuk. One can wonder whether the large capital required for a modern diversified steel plant might not have been better allocated to some other more urgent project in a nation whose funds are desperately short. I can understand and sympathize with Turkey's motives in spending for steel. Steel is a symbol of modernization and a steel plant offers protection against the ruthless pricing policies of European steel cartels. But priorities are needed in spending scarce capital, and the Turks perhaps should have put steel farther down the list.

For security reasons the steel plant was built well inland from the Black Sea, So Karabuk stands 70 miles from a port and from its coal supply at Zonguldak, 100 from its nearest market and 600 from the ore source at Divrigi. The Turkish economy may have to pay heavily for this strategic but uneconomic location.

Unlike Karabuk, most of Turkey's great new industrial projects have been wisely conceived and boldly undertaken. All but completed is the Seyhan dam, dedicated last month, which will produce 280 million KWH of electric power annually and irrigate nearly 600,000 acres. Seyhan power will supply the cities of Adana, Mersin and Tarsus, growing industrial centers. Five other combined irrigation and

power plants will be finished in the next two years, as well as several sizable coal-fired generating plants. A dozen new cement plants are under construction and at least that many sugar factories. Sugar will probably be available for export before the current year is ended. A new nitrogen plant is expected to supply a third of the country's requirements in nitrogenous fertilizers and a sulfuric acid plant has been started. Modern loading, unloading and storage facilities have been contracted for at most of the principal harbors. New steel silos will greatly increase grain storage capacity and refrigeration has been provided for fish and meat products. Five combination passenger and freight ships and 11 cargo ships have been bought. Everywhere there are signs of the prodigious national effort.

No one can fail to admire the courage with which this country of 24 million people has tackled this huge task, but their boldness has created new problems. The cost has been staggering and, because no reservoir of private



TURKEY'S ASSETS now include industrial as well as natural resources. Historically an agricultural nation, Turkey's cereal production, centered in Anstolian plain around Adana has been vastly increased by mechanization with U.S. aid. Industrial mining and power developments, scattered across map. are largely new fruits of the postwar economic development drive for which American aid, extended since 1948, has thus far totaled nearly \$500 million.

ed if inflation should rob them of their improved standard of living and discourage foreign investment. They know that their exports must pay for their imports.

As staunch members of NATO, the Turks also know that their military expenditures cannot be reduced in the foreseeable future. So they have recently asked the Turkish neople to make the same effort to establish firencial stability that they have given to building industry and military might,

capital has been available, the financing has had to be provided through public funds. Substantial debt has been incurred abroad and the spending of such large amounts within the country has brought inflation. Turkey's export trade is growing, but inevitably it falls short of providing enough foreign exchange for raw materials and spare parts, plus the completion at the same time of these vast new public enterprises. Priorities for the allocation of scarce dollars, pounds and other currencies have to be clearly determined and firmly kept.

Facing up to the problem

THE government has drawn up a balanced budget which has been approved by the Assembly. This was followed at once by a series of decrees that struck at inflation and faced up to the financial problems created by Turkey's effort to do so much so fast. The Central Bank is to control credit rigidly. The various state enterprises are to be required to operate within the limit of their own revenues and denied help from the governmental budget. New public investments will be restricted to projects that can rapidly improve Turkey's credit situation abroad. Bank credits to private undertakings will be limited to those that will be immediately productive. Speculative enterprises will not be permitted. No increases in agricultural subsidies are to be allowed. A new import policy calls for enforcement of rigid priorities,

Officials of the Turkish government believe that the country's financial problems, admittedly acute, are relatively short term. They

believe that within two or three years the postwar building program should begin to pay off in new productivity and Turkey will need to buy less abroad. A good crop year in 1956 would help tremendously, and nature cooperated last winter by supplying the most extensive blanket of snow in recorded history.

All of this is now recognized

by the Turkish cabinet and the

Grand National Assembly. They

know that the tremendous ad-

vances which their people have

made since the war could be halt-

Turkey's long-term prospects are excellent. Once she passes the current squeeze she will be on her way and it lies within her power in another generation to become

a truly great nation. She has impressive resources. Take minerals, for example, Her production of chrome plays an important part in supplying the needs of the United States and the rest of the free world. Her iron ore is first class in quality and sufficient in quantity to support her own steel industry for a long period. She has enormous reserves of lignite and at Zonguldak on the Black Sea she has bituminous coal estimated to be sufficient for 100 years.

American and European companies have now started intensive



COSTLY STEEL PRODUCER, modern plant at Karabuk, scheduled to produce 300,000 tons this year, is efficient but too far from its ore and markets.



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LEADERS IN "PARTNERSHIP," as Randall refers to the U.S.-Turkish relationship, discussed two nations' roles in world affairs when Turkey's Prime Minister Adnan Menderes called on President Eisenhower during 1951 trip.

TURKEY CONTINUED

A projected new refinery to be built by private capital at Istanbul should effect great savings in foreign exchange. Some crude production and refining are already being carried on.

Salt and sulfur are being produced for domestic consumption. Awaiting large-scale exploitation are: copper, manganese, mercury, antimony, asbestos, magnesite, boracite, emery and meerschaum.

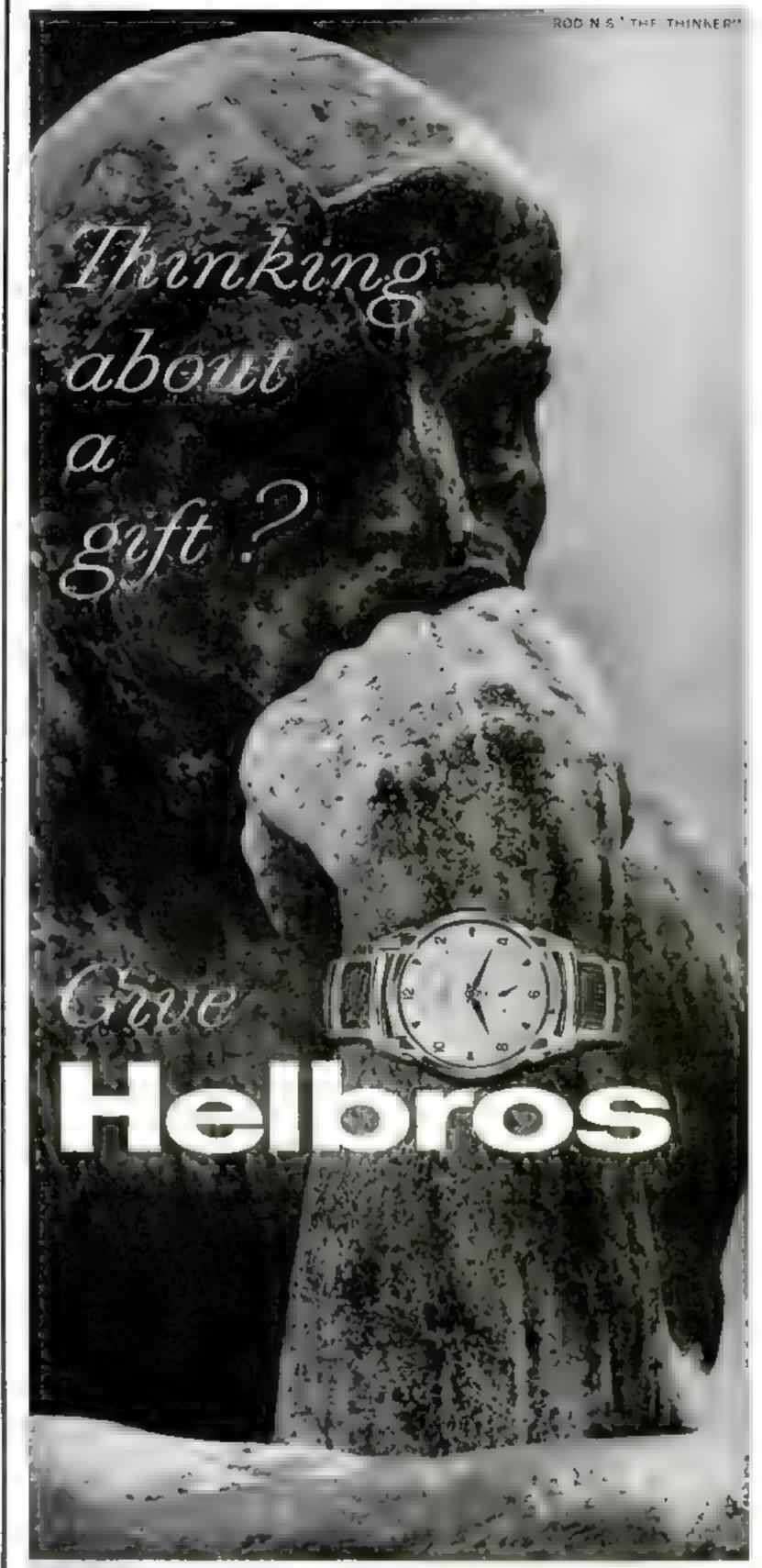
Great progress has been made in agriculture, especially in the semiarid regions of the Anatolian plateau. Some varieties of Turkish wheat are already establishing an enviable position in the highly competitive world market. Turkish tobacco is of course known everywhere and if the terms of trade were better it would be in even stronger demand. Figs and nuts are important export items. Turkey grows excellent fruits in great profusion. I have never eaten better melons than Turkish melons and, heresy though it may be, I say that Turkish orange juice is the best in the world. Let Florida, Arizona and California do their worst; I stand on that statement.

Among luxury foods Turkey has a completely undeveloped asset in her fish. In Chicago I can buy Dover sole flown from England. It is far superior to the various substitutes sold as sole in American hotels, but if I were free to choose I would take Turkish sole every time. The only reason I do not buy it is because no Turk has yet set out to market it in Europe and the United States. When he does that he will add Turkish swordfish, Turkish turbot, lobster from the Sea of Marmara and a wide variety of other exotic and delicious seafoods and thereby provide his country with an important new weapon in its campaign to balance its trade. Perhaps he will add a sideline of frozen orange juice.

Hen first, egg second

AND speaking both of and for Americans, I assure my Turkish friends that a big dollar-earning tourist trade is ready to come their way if they will only make a little more determined effort to seek it and take care of it. The new hotels at Istanbul are a fine beginning, and the new highways beckon invitingly. But here the hen must definitely precede the egg; more hotels must be there before the travelers come.

The district of Antalya along the Mediterranean might well become a Riviera of the future. There the sea in midwinter is warmer than the waters of the Bosporus in July, and the long beaches of soft golden sand are among the finest in the world. Landward from the coast rise the towering Taurus Mountains. A half hour's automobile ride will take you to a picnic in a forest by a rushing stream, and if you go still higher, you will find yourself knee-deep in snow.





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TURKEY CONTINUED

This fabulous Antalya district is rich in archaeological treasure. Here are ruins from the Greek and Roman civilizations, such as the theater of Aspendus which could seat 15,000 persons, and which is still used. Here was the winter seat of the great Seljuk empire which in the Middle Ages ruled from the Caspian Sea to the Indian Ocean.

But the greatest of all the resources of modern Turkey is the spirit of her people. They are determined that nothing shall stop them from getting ahead. The courage and optimism with which they are attacking their new tasks are infectious. Much that they are undertaking is new to them, and though they learn modern techniques quickly, they urgently need more people trained in the essential skills of an industrial society.

Most of all, it seems to me, they need men and women who understand what we call management. The organizing and disciplining of the staff of their great new enterprises requires supervisory skill of a high order, and few Turks have had an opportunity to acquire that sort of experience. It is all very well for them to send their able young men to our colleges to study agriculture, electrical engineering, transportation and so on, but I should like to see them send equally capable trainees to our business schools to study economics, accounting and the principles of management.

The impact of American education is already great. Everywhere in Turkish government or business offices one encounters men trained at century-old Robert College of Istanbul or some of the other schools established by American philanthropy. Americans could have done nothing more enlightened or better calculated to serve the cause of ultimate peace than the establishment of those schools.

In one respect Turkey's new and vigorous democracy differs from ours, and I mention this only because I am so extremely fond of the Turks. They are inordinately sensitive to criticism. As a nation and as individuals they are apt to be hurt by frank statements about themselves that Americans would take in stride. They have not yet reached that robust state where men may have strong differences on political and economic questions and still live together in harmony.

But Turkish loyalties are true and intense. Above all the Turks believe in the future of their country and not in a narrow nationalistic sense, for the Turkey of the future will serve the welfare of the entire world through her strength and the wisdom of her leaders.



GUARDING THE BORDER, Turkish soldier (left) joins an Iranian comrade in watch over corner where Turkey, Iran and Russia meet near Mount Ararat.

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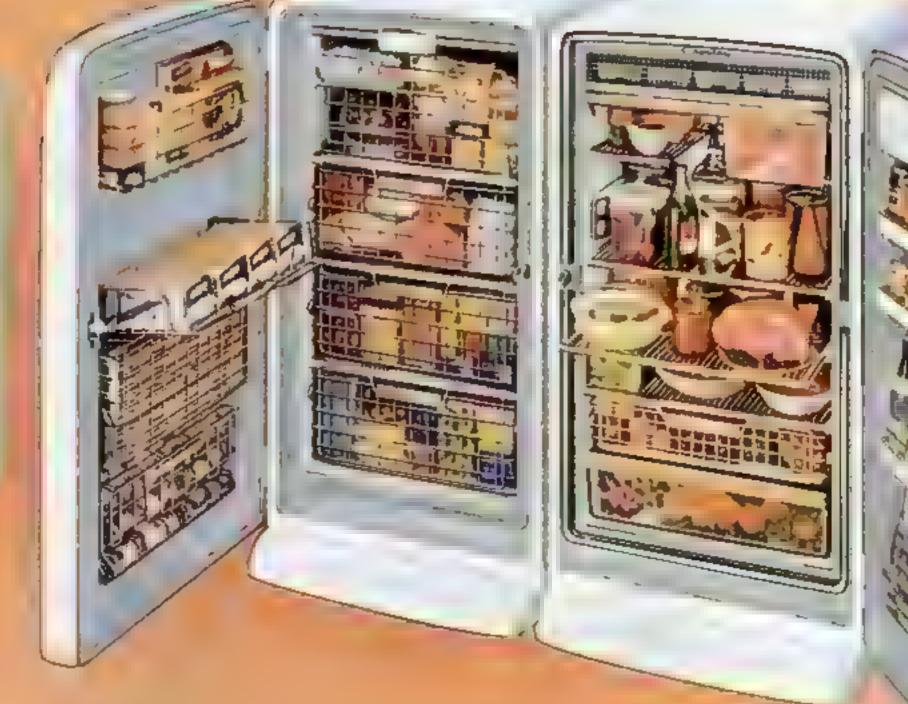


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PORK in 11 dishes, some of them unusual, all of them extremely good eating, is shown above. Starting at left from top to bottom are: reast fresh shoulder of pork with apricot stuffing garmshed with additional apricots, creamed pork in a combread ring with mushrooms; a Bohemian beer casserole with cubed pork, onions and celery pork chops chatelaine with a dry white wine sauce, garmshed with chestnuts and pearl onions. In the next right row starting at the top, are:

a roast fresh ham, not nearly so popular as it deserves to be; a Creole pork skillet with child powder, omons, celery, green peppers, other vegetables; a pork steak with garlic sauce; the classic roast sucking pig with a special stuffing spiked with apple cider. In the row at the right are; pork birds, which are the pork shoulder sheed thin and wrapped around pincapple rings; a pork crown roast with cranberry stuffing, and Japanese pork sates on skewers with kumquats.



Who'd believe I was ever embarrassed by Pimples!"



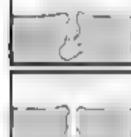
Newl Clearasil Medication

STARVES PIMPLES

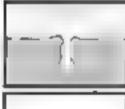
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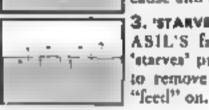
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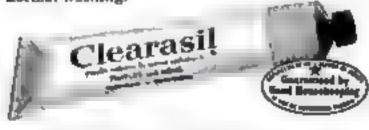
3, 'STARVES' PIMPLES . . . GLEAR. ASIL'S famous dry-up action 'starves' prosples because it helps to remove the oils that pimples

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SIMPLE SUBSTITUTE FOR BIRTHDAY CAKE

Debbie blows out candles on birthday cupcakes as her mother watches. This party-ending snack helped restore the flagging energy of the girls. Nine-yearolds, who can do without a big decorated birthday production, were pleased with the cupcakes. They like familiar foods served in a surprising fashion.



A HAUL OF FAVORS AND PRIZES

At party's end Carolyn Bennett inspects her party loot. Favors are bag of chocolate couns (left) and a china horse (right). Between them is a toy white mouse won in relays. Nine-year-olds are great collectors of small objects so the girls went home with the candles that had been stock in their cupcakes.





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9-YEAR-OLD'S PARTY CONTINUED

AFTER HARD PLAY PAUSES FOR REST



BRONCO RIDER'S RELAY

Teams ran relays givet a combo jumes. In "bronco ride," Bettina Watton ha drogs over Gonny Anderson Teams were abanged aften so see a un wou all races. Note your distance strong sense of air play.



SIESTA UNDER A CIRCLE OF COWBOY HATS

Girls took five mine to rest, finally worn out by team games like persons express (rinning with a read sack) and pass the beans (passing fave markes on a far plant). Nine year olds will play until over timely

to them they also like to do the use for other peopless or a rest period at him a they make a present for a cripped dislaters. The in Corporate



ORNERY GAME BUT FUN

In "norse and ruler" gurls while blindfolded had to draw a horse take their hands off the paper, then go back and try to draw a ruler on the horse. Debbie Young (nght) came closer than most of her guests on this ornery task. Nine year olds love such complicated games both for the test and the la herous results.





It can happen to you...so remember

JERGENS LOTION HEALS "DETERGENT HANDS"

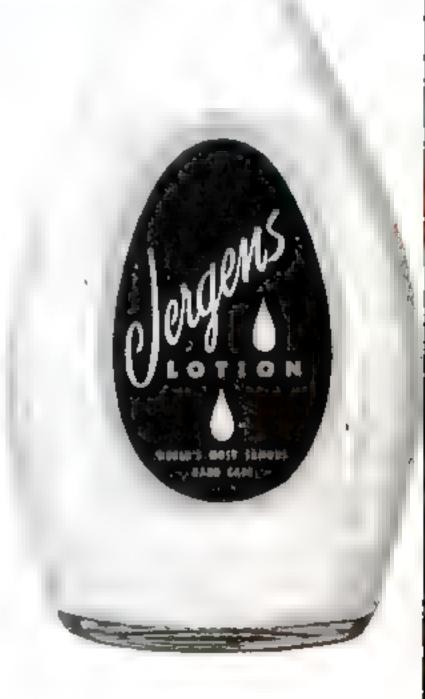
Look carefully at the picture on this page. This photograph is typical of the results of a scientific test* — results which proved that Jergens Lotion heals day-to-day detergent damage.

447 women soaked both hands in a common household detergent, three times a day. Jergens Lotion was applied to right hands only. In a few days, untreated hands were rough, red, coarsened. But hands treated with Jergens Lotion were smooth, soft, beautifully white.

Many other lotions were tested the same way. Only Jergens brought such dramatic results. For Jergens Lotion doesn't merely "glove" your hands with a sticky film. It penetrates to where the damage begins!

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TURNING QUOITS INTO A LASSOING CONTEST

Be ire much that in tests were him One was "lasso," actually points. Above Carely i Bennett is trying to "lasso" a stake. Ann Paris, next to Carely i was cally get trade to so she wen prize. Other contests were call reprint which consists of intage. If receive stock or so in the Principals kicking a rubber

ball into a paper bag, and "filling the trough," mining with a bettle of water and then pointing it into a saucepair. In these two centests the girls were funed and the fast st won a place. No 2 it, however, was above by win incression one prize. Naivar idds like such difficult games and are good losers,



CHOW FROM CHUCK WAGON

At a command get at the didiction and a chark sage in tubion is note from a wagon and an old sheet. He similar hes insple the wagon were taken into the becase and eaten by the freplace (right). As Mrs. Young served come (right) a friend Tome Shoomaker played song and sed the clubben in surging. None year olds love to cluster in groups, goes pland trade sandwiches. Debice's 6-year old trother was allowed to get in on some of the fun



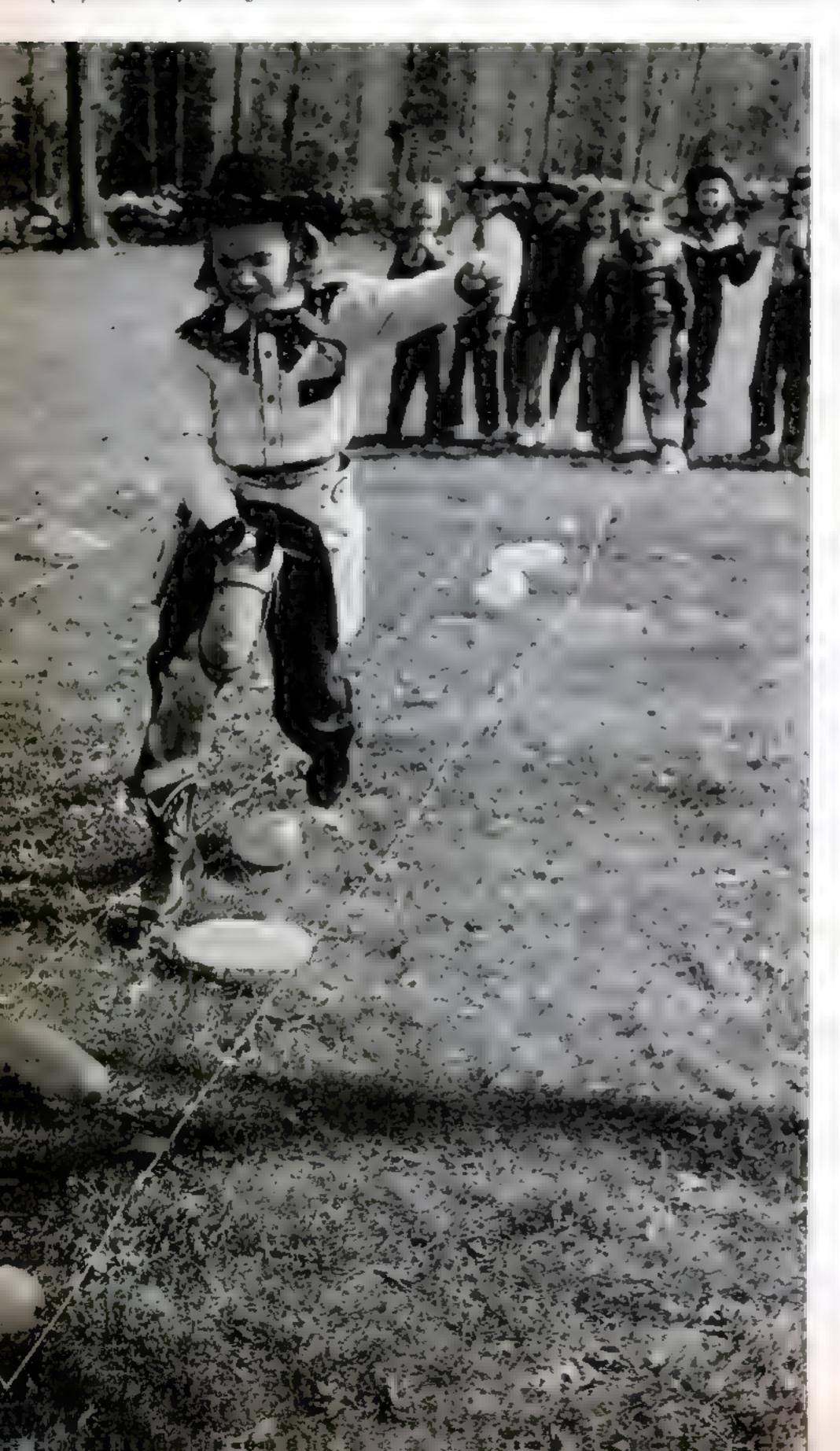
in Competitive Play

AND ACTIVITIES THAT TRY THE GUESTS' SKILLS

for simple spontaneity (Liee, Feb. 6) and those for the 6-year-olds uncompetitive play (Liee, March 5), the rules Mrs. Young followed (box, below left) call for a series of complex, competitive games.

Mrs. Young chose a cowboy theme for the party because 9-year-old girls love horses and

casual dress. Boys were not invited, for at 9 the two sexes do not mix easily. The party was held mostly outdoors because evulvirant children need lots of room for play. And because 9 year olds love competition, an even number of children were at the party so two teams could be chosen for competitive games,





SETTING PARTY'S THEME

Addresive tape "Y" (for Young) is Unde!" on peaus of arriving guest (thore) with arm made from wood block and stick, bust game (below, was treasure from called "the round up". And Paris tods badge in a tree. At this age statement is just as important as winning a prize.



Energetic 9-year-olds Are Happy

USING 'LIFE'S' PARTY RULES, A MOTHER FINDS SUCCESS IN COWBOY THEME

Nine-year-olds are bursting with energy and the need to test themselves in competition. A party for them has to use up their energies and offer a series of constant challenges. If it does not, the party will fall apart. The children will not become unruly, being generally too well behaved at 9 for that. They simply Life here presents the third in its series on how to give parties for children of different ages. The rules for these five parties have been drawn up by Dr. Frances Ilg of the famous Gesell Institute of Child Development in New Haven, Conn. where she has spent many years

discovering what a child can and will do socially at a given age.

The behavior of 9-year-olds is shown here in photographs of an actual party given by Mrs. W. Gardiner Young of Westport, Conn. to celebrate the ninth birthday of her daughter Debbie. Where the rules for 4-year-olds called

GETTING READY FOR THE PARTY AND RUNNING IT

- Plan party around an outdoor theme; carry theme out in games, decorations.
- Invite limited number of guests. Nine is ideal, of same age and sex.
- Plan for adult friend to help mother.
- . Schedule party from noon to 3 p.m.
- · Serve simple luncheon.
- · Plan both indoor and outdoor games.
- Gather game equipment, inexpensive prizes, favors and candy.
- Timetable for Debbie Young's party:
- Arriving guests inspect opened presents and are branded (10 min.).
- Go outside for treasure hunt (20 min.) and cowboy games (30 min.).
- Eat luncheon inside (30 min.).
- After indoor project (20 min.) run outdoor "rodeo" relay races (30 min.).
- Come inside for siesta, indoor games, snack, favors and prizes (40 min.).



THE THINGS THAT ARE NEEDED TO GIVE THE PARTY

Laid out above are the items used by Mrs. Young for Debbie's party. In left foreground is branding equipment and blindfold searf, paper and pencil for drawing contest. To right of branding iron are the nine items used in treasure hunt. In right foreground is lunch serving on paper bag. Above on paper plate is afternoon snack. To right of snack is small

china horse and bag of chocolate coins given as favors to each guest. In center is stick horse with sock head and flaunch-board cutout equipment. Pillow on left is for a variation on a musical chairs game. Above pillow are props used in relay race and games. On top right are ranch sign, chuck wagon and coffeepot. Below pot are prizes for game winners.



FEET CONTINUED

toward the other toes, but the metatarsal continues in the varus position. The joint bulges and shoe pressure cultivates the bunion. For serious cases of this sort the only cure is surgery to realign the first metatarsal and toe so that they can fit into the shoe."

Lapidus is also deeply concerned about the longitudinal arch. "There is no such thing as a fallen longitudinal arch," he says. "There is no way for the thing to fall. During the last war I looked at 150,000 pairs of feet for Selective Service and saw hundreds that were normal except for the absence of a longitudinal arch. The majority of the men had no trouble, but if they had gone into service and carried a field pack 20 miles, their feet would have lacked the leverage to support the weight and they would have been eligible for description as cases of fallen arches. Honey!"

Dr. Lapidus contends that the long arch is a rigid, not a flexible, structure. "The next time somebody tries to tell you about the miraculous spring ligament on which you walk," he warns, "run

for your life.

Needless to say, medical and chiropodial opinion is divided on this matter as on most others. Some practitioners, disputing Lapidus, recommend shoes with flexible shanks to accommodate the springy, flexible arch. Others eschew flexible shanks, blaming them for foot breakdown, and stress the need for rigidity which will conform to their version of the architecture of the foot.

Still, it is possible to find some thread of comforting uniformity amid the doctrinal babel. Orthopedists concur in their view of the foot as a functioning structure in which disability usually consists of failure to cope with the force of gravity. No matter what their belief as to the cause of the failure or the best way to correct it, they are united in their effort to help the foot bear weight with

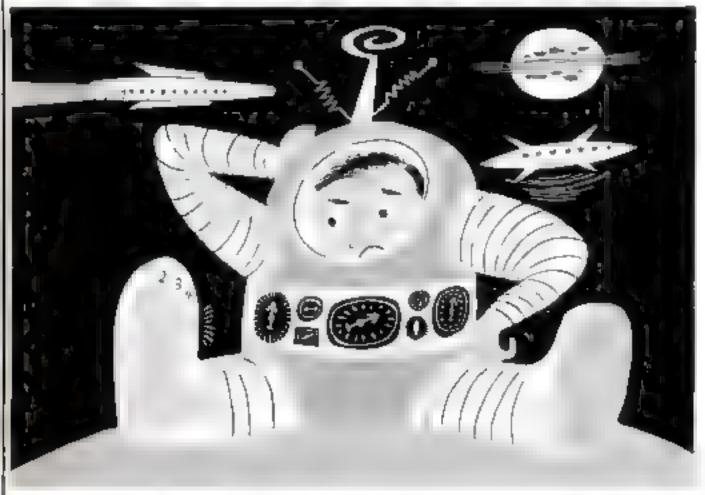
minimum pain.

Orthopedic foot surgery is being undertaken more frequently than in the past for quick, drastic correction of conditions which balk other forms of treatment, Hundreds of Americans no longer suffer with soft corns between the toes now that the base of one of their toe bones has been sliced off to remove pressure from the flesh of the adjoining toe. Even hard corns are eliminated and the knuckle of the little toe trimmed down so that the foot can fit into a fashionable shoe and survive, cornless.

"We do what we can to encourage the use of sensible footwear," says one orthopedist, "but our powers are limited. A woman's feet may be more comfortable in wider shoes, but her mind is not. Impractical shoes contributed to her pain, but now she wants to keep the shoes and lose the pain. The only patients with whom we are able to practice preventive medicine to any extent are children. When we find it desirable to influence a child's posture by

changing his shoes, he offers no protest."

Although there seems to be little prospect of changing the adult's stubbornly fashionable attitude toward shoes, the future is not without hope. Evolution is changing the foot itself. Anthropologists say that we have been using our fifth toes so little that we are actually losing them. We are becoming four-toed creatures. The intergalactic proneer of tomorrow, enabled by the inexorable march of science to penetrate the impenetrable and establish man's hegemony over the stars, will therefore not be troubled with a corn on the fifth toe. He will wear his corn, we can be sure, on his fourth toe, unless the inexorable march of science happens to stumble across a cure in the meantime.



INTERSPATIAL FEET of the future may be reduced to only four toes, but man will doubtless prolong suffering by wearing improper interspatial shoes.

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It's Vienna Strawberry...an ice cream with the old-world magic of those strawberry-and-cream desserts for which Vienna is famed! Something very special, indeed. Melt-in-your-mouth strawberry ice cream whirled together with extra-creamy vanilla ice cream. A festive treat. Don't miss it!

says Elsie, the Borden Cow:

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take home where you see the Ludy Borden signt"

Washer with Rub-Free Action!



What you see here is Frigidaire's Pulsator-Agitator plunging up and down, 330 times a minute. It's the heartbeat of Frigidaire's exclusive RUB-FREE washing.

With each split-second stroke, the Pulsator whips soap and water into a super-cleaning combination that no grime or grease can withstand.

Each stroke shoots hot swirling currents through every fold and crevice of the fabric—keeps clothes constantly under water, constantly on the move in a head-over-heels spiral.

The result is a washing action the like of which you've never seen. Live-Water alone does the whole cleaning job. There are no fins or blades to thrash clothes around the tub; no friction, no rubbing, no harsh mechanical action to wear out their life. That's why washables last infinitely longer.

Does it get clothes clean? Cleaner than you ever hoped! The dirtiest overalls come out like new. Yet, your laciest lingerie gets the safe, gentle treatment of piece-by-piece hand laundering, automatically because only water moves the clothes.

There's lots more to this automatic that you'll want to see.

The way it multiplies the cleaning power of soaps and detergents. The way it literally floats lint and dirt-laden suds up and out of the tub—never through your just-washed clothes. The way it spins out all extra water

so the clothes are practically dry when you take them out. The way it saves water — uses as much as 13% gallons less than some automatics. The extra reliability of its no-belt, no-pulley mechanism. The rustproof Lifetime Porcelain finish, inside and out.

Here's an automatic washer that has everything. See it today and judge for yourself.

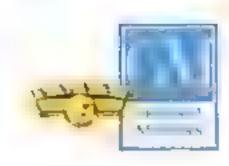


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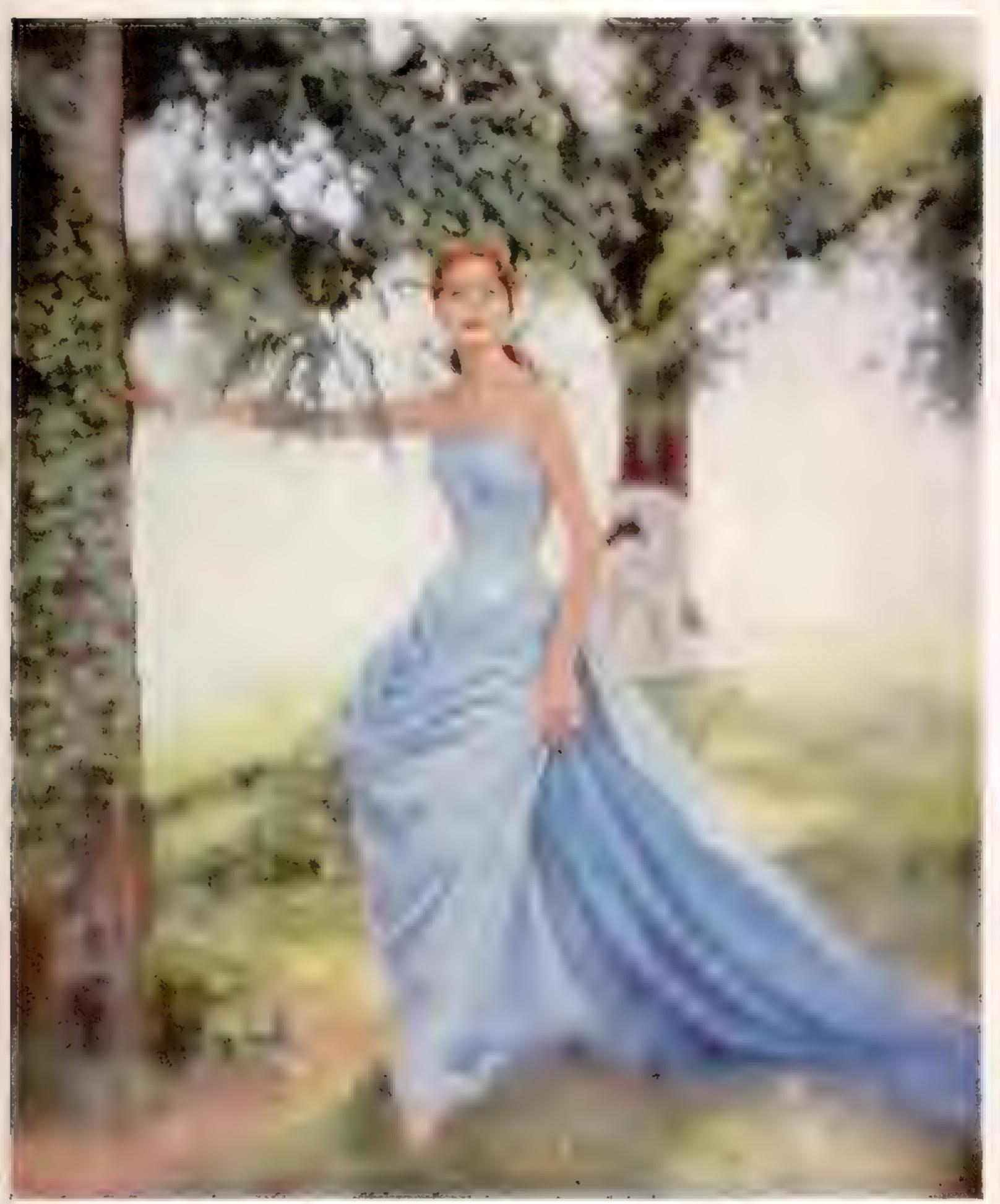




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EVOLUTION, say anthropologists, changed feet that once grasped branches into organs that now grasp nothing but an occasional pop bottle for exercise,

FEET CONTINUED

Women should take care of their feet during the day. If they do, they can safely abuse them for social purposes at night."

In one of his remedies for the short first, Morton treats it as if it were a table with a short leg: he brings the floor up to meet it. He uses a light, specially designed insole which transfers the pressure away from the irritated parts of the foot and forces the short first to bear its proper weight.

Many physicians and chiropodists are staunchly opposed to Morton's theories. "We can't deny that there is such a thing as a short first and that it can cause foot pain," says one eminent orthopedist, "but the mere coexistence of a short first and foot pain does not mean that one causes the other. There are too many additional possibilities. The same is true of Morton's 'hypermobile first metatarsal,' only more so. Some capable men are not convinced that the condition even exists. If it does exist, it can scarcely be the one and only cause of the many types of weak and flat feet that we see."

Statistics are rigorously flourished on both sides of the argument. Anti-Mortonites point to a large study by Canadian orthopedic surgeons which found that short first metatareals were of no importance in causing foot disability. Pro-Mortonites retaliate with a much more limited study by a New York podiatrist which indicated that there was a relationship between short first metatareals and sore feet.

The bunion and evolution

Note that the bunion field the chief theorist is Dr. Paul W. Lapidus, head of the foot clinic at the Hospital for Joint Diseases in New York. Like Morton he focuses his attention on the first metatarsal but with very different results. Dr. Lapidus believes that bunions usually arise from a condition that he calls metatarsus primus varus, which is medical Latin for a first metatarsal that points sharply toward the other foot. Metatarsus primus varus being a characteristic of ape feet, Lapidus thinks that its appearance in a human being indicates a case of arrested embryonic development. He points out that usually the development of the human embryo roughly approximates the evolution of the species from fish to mammal to primate to human being, with the divergent metatarsal appearing during the embryo's "primate" stage and usually straightening out before birth.

Sometimes, however, the metatarsal does not straighten out before birth, and this, Lapidus thinks, is the cause of the trouble, although it is not apt to be recognized until maturity when a bunion has already formed. "A foot like that when shod in a modern fashionable shoe," says Dr. Lapidus, "has no alternative but to produce a bunion. The first metatarsal and great toe are pointing away from the rest of the forefoot, but the condition is ignored and the foot is stuffed into the shoe. The shoe forces the great toe

CONTINUED

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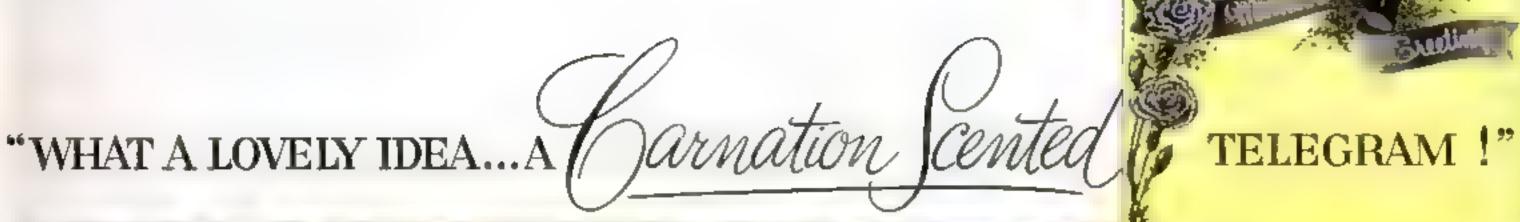
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A Happy Thought FOR MOTHER'S DAY

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the day feeling wonderful. Use
Phillips' Milk of Magnesia—the
best laxative money can buy.



PHILLIPS' MILK OF MAGNESIA



SUFFERING HUMANITY resorts to hot baths and recriminations against offending feet but is unwilling to give up the stylish shoes that cause trouble.

FEET CONTINUED

J. Morton, a New York orthopedic surgeon and associate professor of anatomy at Columbia University for 20 years who, at 72, continues to enunciate. Study of evolution, physiology, anatomy, embryology, the laws of heredity and X-ray pictures of his own patients led Dr. Morton to the conclusion that one of our most common foot troubles, apart from corns and bunions, has to do with the failure of the first metatarsal bone to bear the brunt of body weight when we stand or walk. Morton demonstrated that the head of this bone, beneath the ball of the foot, is supposed to sustain much of the force of gravity for the entire body, and he discovered skeletal circumstances which he believes often make the bone inadequate to the task. In such cases the load is displaced to other bones which are not designed to suffer the stress, and walking becomes painful.

As a prime example Morton cites the first metatarsal (see drawing. p. 170), which he says is often too short to do its job. He estimates that about 40% of humanity own feet in which the slender second metatarsal extends farther forward than the heavier first metatarsal. In these cases, when the foot is bent in walking, the first metatarsal does not reach the ground, and the weight is concentrated on the second. In time angry calluses may develop at the ball of the foot. The condition is popularly but inaccurately diagnosed as "fallen metatarsal arch," a term abhorrent to Morton and now rejected by most orthopedists, whether they endorse

Another central concept of Morton's is that the first metatarsal often fails to bear weight properly, not because it is too short but because it is insufficiently rigid. He calls this condition "hypermobility of the first metatarsal segment" and attributes it to slack ligaments. The hypermobile segment, says Morton, leads to the familiar weak foot or pronated posture in which the sufferer, whether he has a high arch or not, develops painful strains.

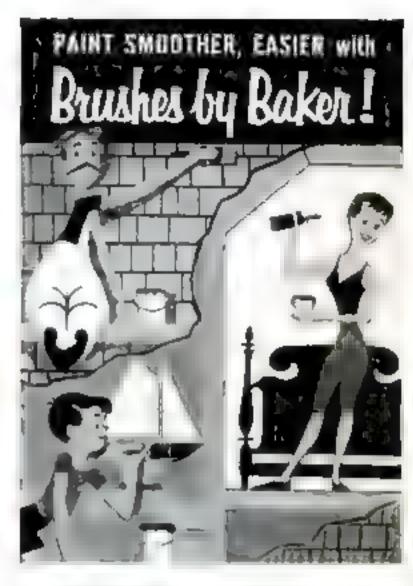
Morton stresses that the "short first," as it is known in the trade, does not make foot pain inevitable. "Most men with short firsts get through life with no trouble or, at worst, vague aches and pains. It depends mainly on how they make their living. A veteran postman is more likely to suffer with his short first than somebody who does less walking."

Women are different,

"It's the high heel," sighs Morton. "Whether the girl stands or walks, the high heel throws more weight onto the ball of the foot than the metatarsals would normally support. If the second metatarsal is longer than the first, it is subjected to an even worse overload. By the time she is 30 the wear and tear will have been considerable and her tissues will no longer be resilient enough to cope with it. At that point somebody may tell her that she has fallen metatarsal arches. Flat-heeled shoes may be suggested. But she can't wear them. At least not all at once. Years in high heels have caused a shortening of her calf muscles. It takes weeks for the shortened calves to adjust to low heels and the discomfort of the sudden change is probably responsible for the superstition that women are better off in high heels. Let me tell you, it's a mess."

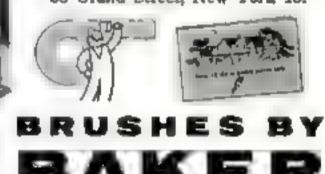
More damage has been done by the medium heel than the spike heel, Morton thinks. "The woman who wears spike heels may be wary enough to give her poor feet an occasional rest, but the woman in medium heels erroneously believes her feet need no rest.

CONTINUED



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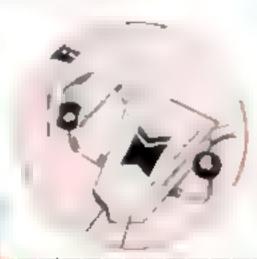
See Moto-Mower's Great

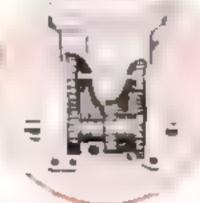
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SPECIALISTS IN EYE BEAUTY



EXTRA-HIGH FASHION in Renaissance Europe was the ornate chapine, a platform shoe that made walking difficult without support from both sides.

FEET CONTINUED

bound beneath the sole. A year or so later, when the toes were successfully deformed, the attending sages and procurers set about doubling the child's heels under until they approached the tips of the toes. The result was an anatomical fright by our standards, but it could fit into a silken boot scarcely larger than a teacup. The girl did not walk, but tottered, quivering all over and provoking among the mandarins an effect not unlike that observable on any American streetcorner when a pretty girl waggles by

on spike heels.

Second only to the lily foot as an immobilizer was the device called the chopine. Introduced to Europe via Italy in the 15th Century, the chopine was an ornately shaped and lavishly decorated platform clog favored in harems. Some of the monstrosities were two feet high and all were absolutely unsuited to locomotion. No wearer could move an inch unless someone held her up. Respectable women claimed unconvincingly that the chopines were worth the annoyance because they protected the feet from dirt and damp. Courtesans also wore them but offered no excuses. The chopine survived for more than 200 years, finally giving way in the 17th Century to the high heel.

Men's feet were also cramped by fashion as late as the Victorian era and have only recently been given Lebensraum. Until the latter half of the 19th Century the difference between a left foot and a right foot was not commonly recognized in shoe manufacture. The shoemakers of ancient Egypt had perceived the difference between the feet and had embodied it in some of their designs. But in most countries identical shoes, not really fitting either foot, were worn by all but the wealthiest consumers until less than a hundred years ago. To the discomfort of interchangeable shoes, men of all eras managed to add the torture of foppish styles that pinched the feet. Therefore they suffered, and when their suffering became unbearable they joined the womenfolk in the office of the doctor or the chiropodist, who was usually known as the "corn doctor."

Nowadays nobody but another chiropodist (from the Greek cheir, hand, plus pous, podos, foot) dares call a chiropodist a corn doctor. Some chiropodists do not even like to be called chiropodists, but prefer "podiatrist," a term less susceptible to confu-

sion with "chiropractor,"

Chiropodists-podiatrists have achieved legal and social acceptance in every state, and the corn is no longer their only interest. For their increasing authority and prosperity they credit (a) the historic tendency of physicians to abdicate from treatment of unspectacular foot conditions and (b) the professional standards established by state law and carefully observed in their six accredited colleges. Chiropodists are forbidden to perform major surgery and they do not attempt to cure basic disorders. Otherwise the foot is their oyster. Among their chief concerns are the socalled arch troubles which bother so many Americans, corned or not. In treating these cases, the chiropodists rely on shoe lifts, pads, supports, exercises, special footgear and the like, disagreeing with each other just as vociferously as physicians.

One of the keenest controversies in the field of the foot is of 25 years' standing and concerns the theories enunciated by Dudley

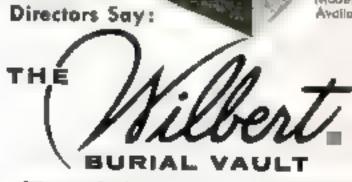


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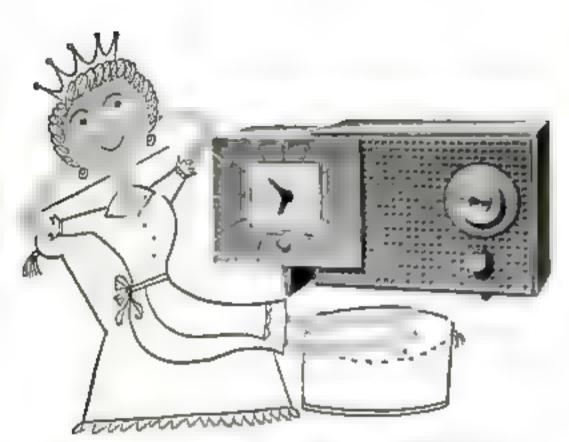


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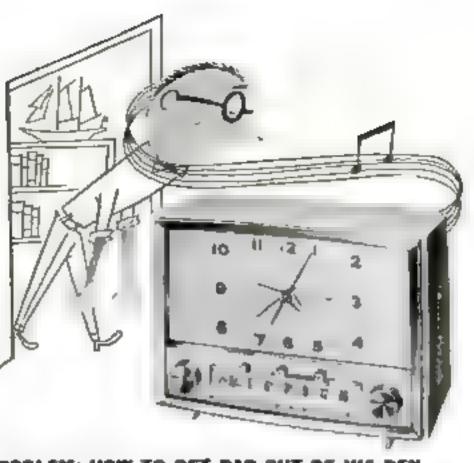
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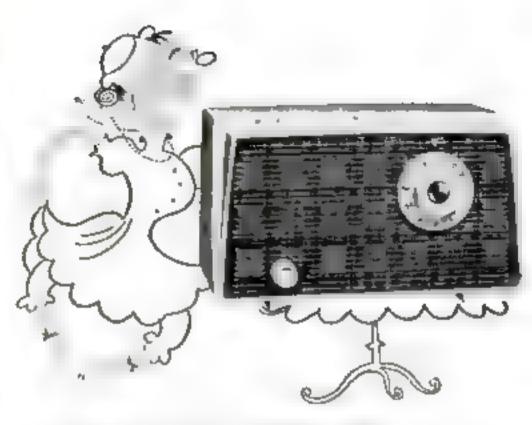
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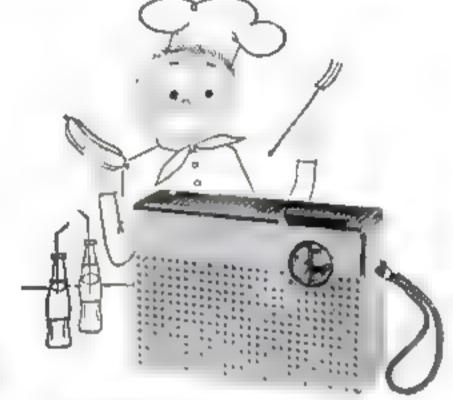
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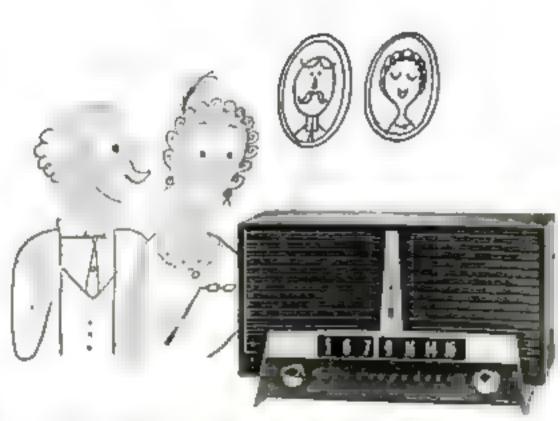
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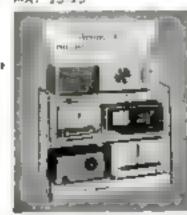
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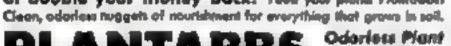
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EARLIEST CINDERELLA, a pretty legend says, was an Egyptian slave girl whose tiny foot fitted into the shoe that a passing eagle dropped to a pharaoh.

FEET CONTINUED

the torture involved. Efforts to alter this emphasis are balked on esthetic grounds, both by the owners of the feet and by men, who throughout history have always had strong preferences as to how the well-turned ankle should be presented.

In the days before history women's feet evidently had equal rights with men's feet. Stone Age wall paintings found in caves of Spain and southern France show that the human beings of 10,000 B.C. wrapped their feet in pieces of animal hide, presumably for protection against thorns and sharp rocks. There is no indication that the female foot had yet been singled out for special treatment. However, when discernible history began, women's feet became erotic attractions.

The appendage was apparently recognized as the point of contact between the fecund woman and the fruitful mother earth and was invested with magical significance in the propagation of the tribe. The Oriental and Middle Eastern societies from which we inherit much of our culture kept their women close to home not only by moral exhortation but by the use of ankle fetters, impractical shoes and other forms of ritualistic hobbling practiced at marriage ceremonies and adopted as everyday fashion. These folkways are believed to have nurtured the theory that the girl with the tiniest feet and least vigorous gait was the most desirable. This debatable idea persists to the present day, along with such other descendants of ancient sexual customs as the high heel and the golden anklet.

An early Cinderella

N ancient Egypt men wore sandals of leather and plaited grass, sometimes trimmed with precious metal. They also wore heavy leather boots with thick soles. But the footgear of their women was often less practical. Surviving samples include a few that resemble straw breadbaskets, in which walking must have been a major problem. Probably the earliest Cinderella story was Egyptian and dealt with romance between a small-footed girl and a king who liked 'em that way. In this case it was the Pharaoh Psammetichus (660-610 B.C.). He married the slave girl whose tiny foot fitted into the exciting sandal which a passing eagle had dropped.

Bemused by feet, wealthy Egyptians and other ladies' men of the Mediterranean and Middle East were given to equipping their women with anklets, jeweled toe rings and musical bangles. The Prophet Isaiah objected to the bangles, which by his time had been improved with chains that ran from leg to leg. ". . . Walking and mincing as they go," complained Isaiah, "and making a tinkling with their feet.

The correlation between feminine attractiveness and feminine mability to walk properly was most acutely appreciated in China where, from about the 10th Century until shortly before World War I, girls' feet were deliberately crippled by binding. In Western writings the practice is sometimes blamed on a clubfooted empress who wanted other women to be equally immobile, but Lin Yutang explains, "Its origin was undoubtedly in the courts of licentious kings, its popularity with men was based on the worship of women's feet and shoes as a love fetish and on the feminine gait which naturally followed, and its popularity with women was based on their desire to curry men's favor."

To achieve the "lily foot," as it was called, the feet of a girl child were literally squashed in half. First the four small toes were

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"WATERY SAC" view of foot, espoused by Space Shoe Inventor Murray, is hooted at by doctors, but his lightning-rod shoes are popular with customers.

FEET CONTINUED

designed foot itself for the problem of sore feet, the experts point accusingly at certain amenities and customs of modern civilization that were devised without proper regard to the ancient physiology of the foot.

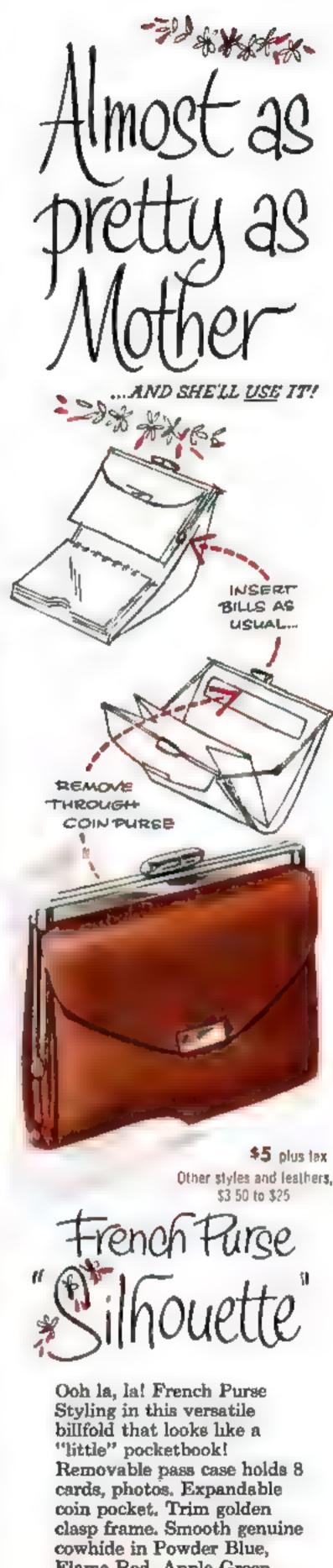
Anthropologists say that during all but the last fraction of the estimated 20 or 30 million years which have elapsed since our prehuman ancestors took up life on the ground, the evolution of the foot was toward the development of a sturdy, rigid member capable of great leverage, high endurance and fast locomotion over uneven terrain, without shoes. What had once been much like a hand, or the foot of a gorilla, slowly developed a massive heel and a long, powerful stress-resistant arch. The big toe gradually swung around from its thumblike position into one almost parallel with the others and grew stout and strong while the small toes, less active now than when employed to grasp the limbs of trees, grew smaller. The joint between the big toe and the head of the first metatarsal bone at the ball of the foot became better adapted for upright walking and running.

The prehistoric human foot was ready for anything. Each unshod step on uneven terrain was a fresh experience, subjecting the thick, hardened sole and bony architecture to a different stress. With the strain subdivided in that way from one step to the next and the heel and ball sharing the burden of gravity with the toes and arched surfaces, mechanical breakdown was less likely than on a uniformly flat surface like a pavement, where the step becomes stereotyped and the full weight of the body hammers incessantly at the same few square centimeters of affronted sole.

In this connection investigators have found that the feet of unshod, primitive peoples are uniformly freer of pain and disability than the feet of the civilized. Primitive soles are hard and thick but primitive toes are free from corns. (There is no argument about the cause of corns in the modern foot; it is a horny proliferation of skin caused by the relentless outside pressure of a shoe and the stubborn inside counterpressure of a bony protuberance such as the joint of a toe.)

The clear impracticability of fostering foot health by tearing up all streets and making everybody run barefoot has left authorities with little to complain about except shoes. This, however, is plenty. As early as 1781 a Dutch physician and anatomist, Pieter Camper, wrote: "It is surprising that while mankind in all ages have bestowed the greatest attention upon the feet of horses, mules, oxen and other animals of burthen or draught, they have entirely neglected those of their own species, abandoning them to the ignorance of workmen who, in general, can only make the shoe upon routine principles and according to the absurdities of fashion, or the depraved taste of the day. Thus, from our earliest infancy, shoes, as at present worn, serve but to deform the toes and cover the feet with corns."

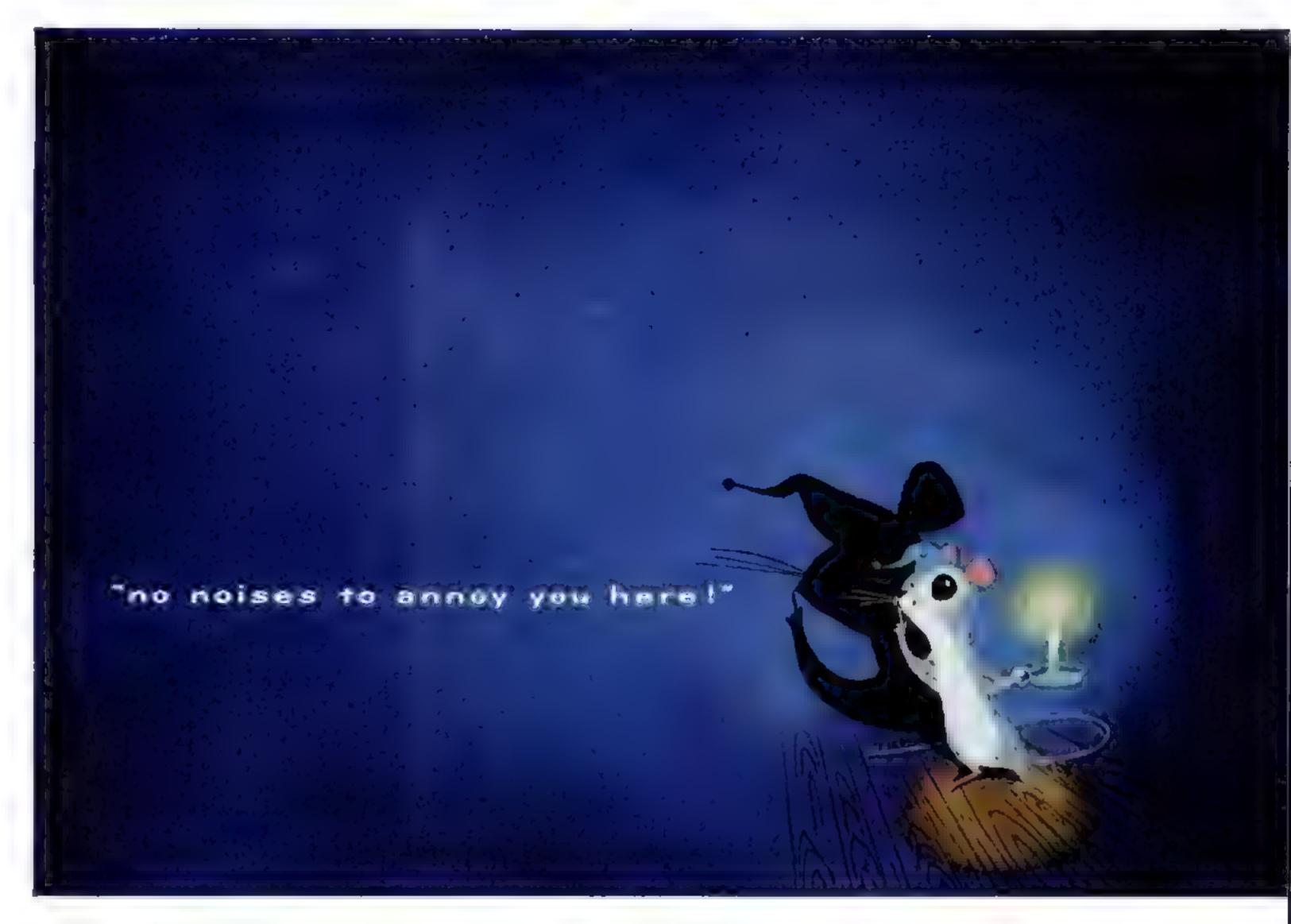
In attacking fashion in shoes, Camper and later authorities have made slow progress. Apparently no amount of scientific knowledge or warning is enough to overcome the great central obstacle: a woman's pride in her appearance. Among foot patients women now far outnumber men. Some modern females do buy shoes large enough to fit them, and some even wear playshoes like men's. But in the main, women's fashion continues to emphasize the foot as an item of decor rather than of locomotion, regardless of



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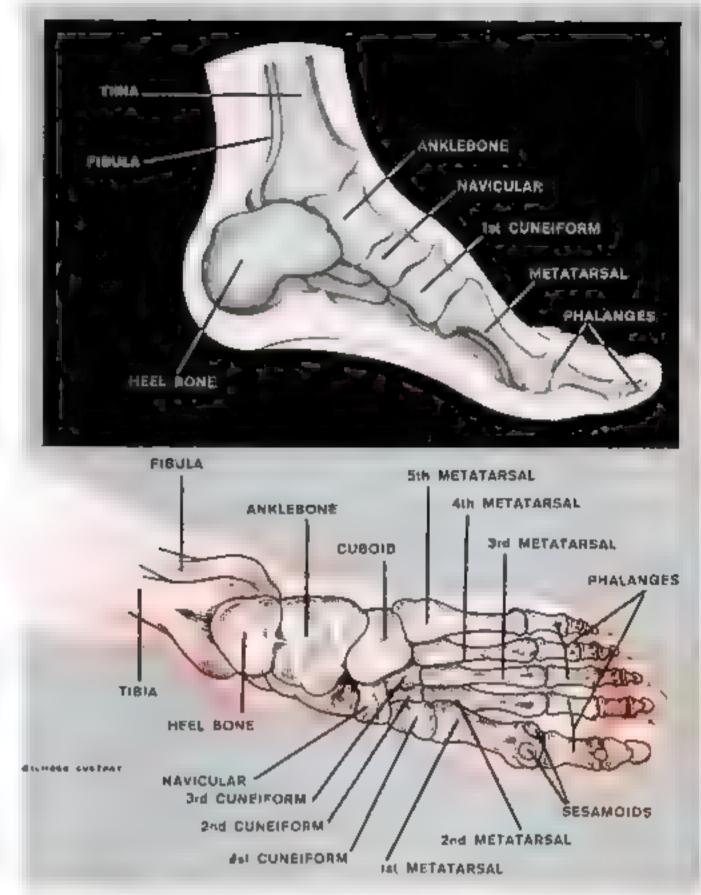
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PRINCIPAL BONES of foot are shown in side and bottom views. Normal foot has 26 bones but there are often extra sesamoids, anklebones and naviculars.

FEET CONTINUED

in a wrong world, and I suppose they move forward slightly in their sarcophagus when weight is applied. But in the Perfect Shoe they are joyful and alive, working like vigorous fingers and grasping the surface beneath them. Why did the Lord give us toes—so that they would just lie there and perish? Did He design the sardine for the can?"

In his effort to provide a joyful world for the foot, Murray goes in for lightning rods. Each Space Shoe contains a metal thread which runs from the inside of the shoe to the ground, supposedly carrying off the "static electricity" which Murray blames for excess warmth, perspiration and the spread of the fungus blight, athlete's foot, Whatever fungi are not eliminated by lightning-rod dryness are beaten back, Murray believes, by the healthy resistance of the happy foot.

Not all Murray's customers have happy feet. One man who bought a pair of Space Shoes soon developed a backache, a callus and pains in his big toe. When he complained about the shoes to Murray, the inventor waggled an excited finger in the customer's face and cried, "There's nothing wrong with these shoes! It's your

feet that are wrong!"

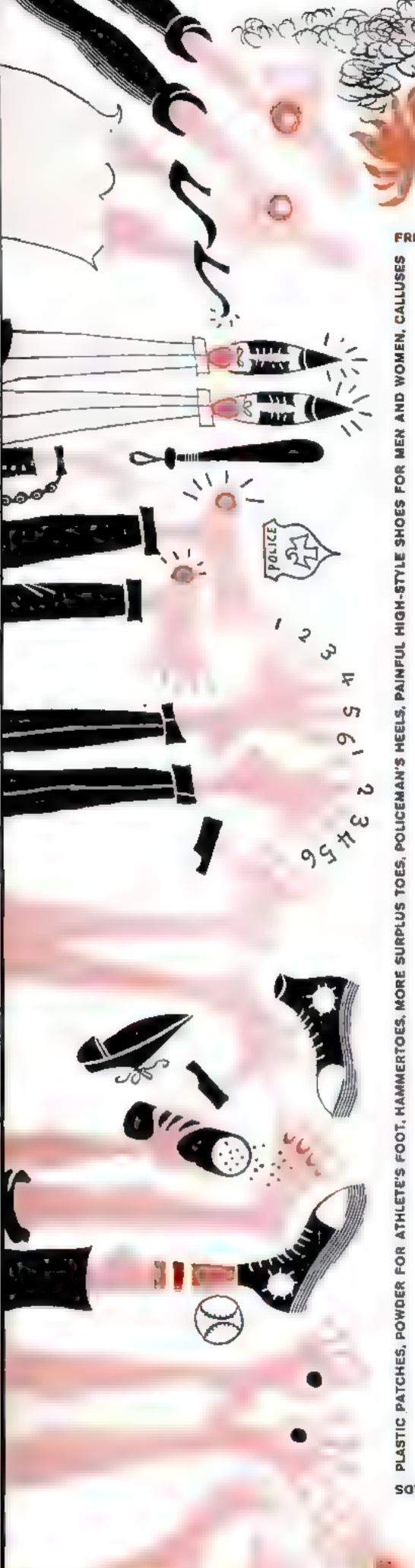
Physicians have little respect for Murray's anatomical theories. They think his vivid concept of the "watery sac" is nonsense, and they point out that since the foot is the most stable organ of the body, the chances of the toes working like vigorous fingers are extremely slim, regardless of the container. But they hesitate to dismiss the shoe itself, and some even recommend it to people who need width across the toes or can benefit from having the force of gravity distributed more or less evenly along the sole of the foot. In suggesting the Space Shoe to a patient, doctors consider not only his physical condition but his morale; does he have the spiritual stamina to endure the witticisms of his friends?

Chiropodists, who are no more impressed than physicians by Murray's Hydraulic Law of the Foot, are otherwise more enthusiastic about his ideas. Several of them are busy manufacturing their own imitations of the Space Shoe and experimenting with modifications which they hope will provide comfort while looking

somewhat more like a shoe.

Such recent experiments in footwear simply underline the basic contention of foot authorities. Rather than blame the marvelously





FRDGES

FRIEZE OF FEET AND VARIOUS FORMS, CAUSES AND TREATMENTS OF AGONY INCLUDE, FROM LEFT, HOT FEET, BUNIONS,

THE WRETCHED LOT

Dismaying catalog of evils plagues ill-shod humanity,

PREPOSTEROUSLY high percentage of the persons reading this article in their living rooms are doing so with their shoes off. The shoes are off because it feels better that way. It feels better that way because the feet, in many instances, are afflicted with strange and manifold miseries. Indeed, millions of people totter through life blaming their foot pains on conditions that do not even exist:

▶ The term "flat feet" is frequently applied to feet which are not flat at all.

▶ People with authentic flat feet often complain that they have "fallen arches," a derangement of bone and tissue which is described in text-books, but some doctors who have really studied the matter say that arches do not fall: they are flat from birth.

▶ Some people believe they have "fallen metatarsal arches," an ailment which qualifies as doubly nonexistent. Specialists say the metatarsal arch never falls because there is no metatarsal arch.

The fact is that there is more confusion about the foot than about any comparably bothersome part of the human body except, perhaps, the brain. Physicians are unable to agree as to the inner workings of the foot, the causes of its many difficulties or the treatment most likely to alleviate trouble. Among specialists the differences of opinion are strongly felt but are debated in comparative privacy: foot man argues with foot man and the rest of the profession busies itself elsewhere.

Most physicians are uninterested because the difficulties of the foot are seldom fatal, are rarely dangerous even when excruciatingly uncomfortable and inevitably must lose out in competition with more urgent ills offering the lure of dramatic cures. Even the orthopedic surgeon, who specializes in bones and muscles, tends to gravitate toward parts of the body where the emergencies are keener, the challenges brighter.

But consider the natural shocks the human foot is heir to:

There are "flat feet" of many varieties including, as noted above, those that are not flat at all. There are feet whose longitudinal arches are too high, causing the weight of the body to be borne on a painfully small area of the sole. There are feet in which deficient function of the metatarsal bones (see drawing. p. 170) interferes with normal stance and gait. There are heel tissues which have been worn to a frazzle from standing improperly or

standing too much. There are sixth and seventh toes, hammertoes, overlapping toes, underriding toes, big toes that point in the wrong direction. There are ingrown toenails caused by tight shoes or incorrect nail trimming. There are burning feet, cold feet and chronically tired feet. There are blisters, calluses and corns both hard and soft. There is athlete's foot. There are dozens more.

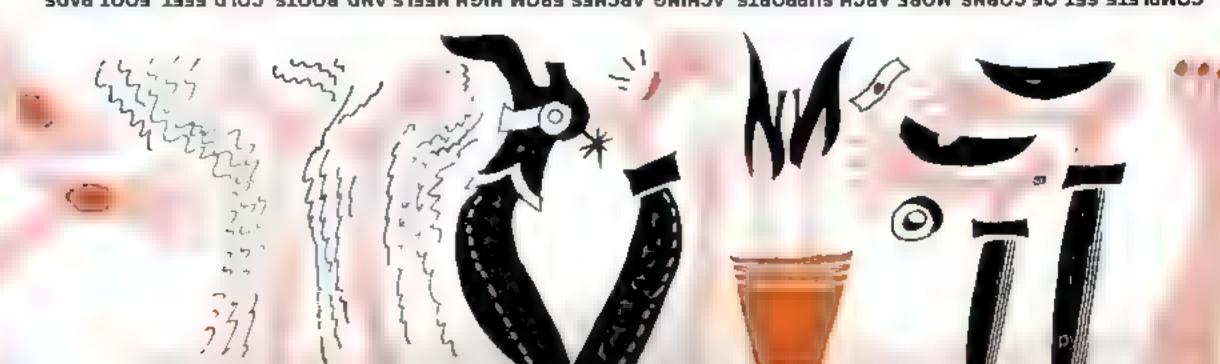
Although many of these afflictions are trivial and provide much amusement for hecklers, there is a less hilarious component: when the foot is uncomfortable, the victim alters his posture to minimize pain. If the new posture becomes habitual, the resultant wear and tear can damage such other parts of the body as may have been thrown out of plumb. Among the more familiar consequences are headaches, backaches, neuralgia and arthritis. Furthermore, the condition of the feet sometimes serves as a warning of heart disease, circulatory deficiencies, diabetes and kidney trouble.

Home treatment

COOT problems such as major deformities are comparatively rare. The remarkable fact is that so many people with "ordinary" feet have so much trouble and get so little relief. Unless foot distress becomes acute enough to affect earning capacity or to interfere with recreation, it is seldom brought either to a physician or chiropodist. According to their private views of what might relieve the annoyance, the victims do less walking; pare their own corns more frequently (a hazardous pastime); change their shoe store in hope of finding a more comfortable fit; take up foot exercises, such as rolling a pop bottle around beneath the instep or picking up marbles with the toes; woo better circulation by reclining with feet elevated above the head (which is relaxing but does nothing to improve circulation in the feet); begin trimming the nails of the toes straight across instead of in an arc, a method which doctors have recommended for centuries to prevent ingrown toenails and which sufferers for centuries have adopted only after they have already developed ingrown toenails.

Many of the footsore rely on the wonders of modern pharmacopoeia and technology, limping to the store to purchase special soap, powder, lotion, plasters, pads, lifts, supports or even special shoes. Nobody knows how much they spend

UMPLETE SET UP CORRS, MORE ARCH SUPPORTS, ACRING ARCHES FROM RIGHT REELS ARD BOOTS, COLD FEET, FOOT PASS



Young woman wearing astonishing new Sonotone hearing aid-----but where is it?



Here is another great Sonotone achievement, completely new...a hearing aid so light and tiny that the entire instrument is worn at the ear. Yes, the entire instrument! Microphone, amplifier and battery are all in one incredibly small unit, weighing only ¾ oz. The clever design takes advantage of the natural hiding place the ear offers! This new aid fits so comfortably, even during vigorous activity, that you forget you have it on. You enjoy ear-level

hearing, use the telephone like everyone else. Dress as you please—there is no cord down the neck, nothing to hide on your body. And note, this is a complete hearing aid, individually fitted to your correction needs, with four (not three) transistor power.

You will want to see this brilliant new hearing development. There are Sonotone offices serving thousands of communities—visit the one near you, now!

Gentlemen: I'd like to know more about your newest Sonotone hearing aid, and Sonotone services. Please send in plain envelope, free illustrated booklet and address of Sonotone office nearest me.

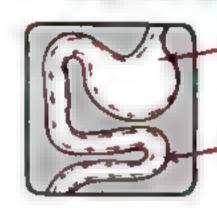
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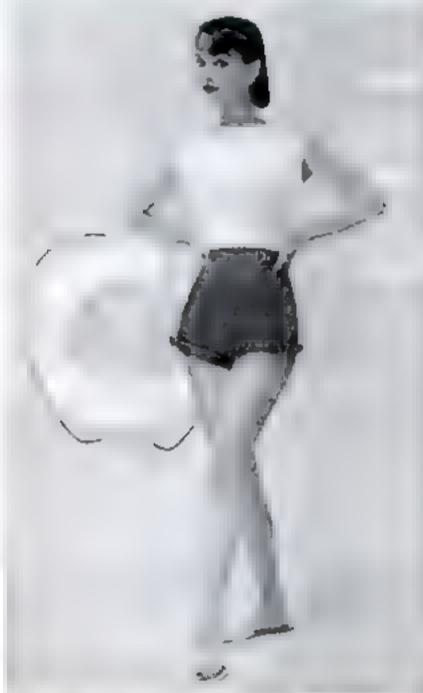
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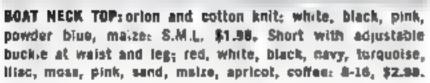
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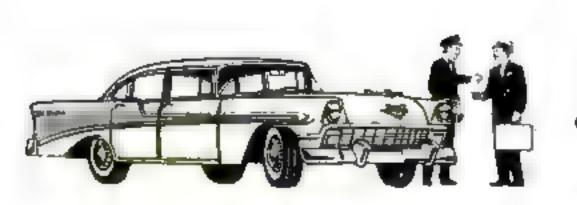
EAST-WEST WAYNE CONTINUED





CARRYING OFF DAMSEL, Wayne in Conqueror (top) abducts winsome Tartar (Susan Hayward). In Searchers (below) he rescues niece (Natalie Wood).

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\$34.75 to \$50.

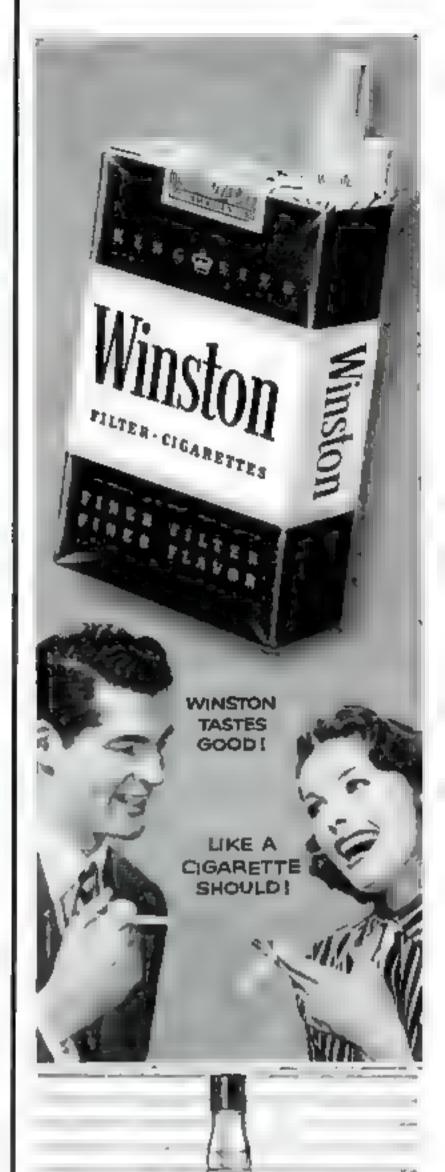
For the store nearest you, write: Dept. A3
TRIMOUNT CLOTHING CO.
18 Station Street, Boston 20, Mass.



UNDER THE BIG SKY, Wayne in Conqueror importunes the gods for victory after his first disastrous setback at the hands of the Tartars. Below, in Searchers, as a lonely solther of fortune Wayne strides across the desert in his stubborn six-year search for his niece who was stolen by Indians.



CONTINUED





Samertar #



IT'S "16-TONS" TENNESSEE ERNIE FORD

with news about Chase & Sanborn's new full-bodied instant!



Hey, pea-pickers! Take a tip from old "Ern" and try this New Instant Chase & Sanborn. It's the best instant coffee you've ever tasted.



It makes dee-licious coffee sippin' good! And you get true coffee flavor, no matter what strength you make it—mild . . . medium or strong!



You ladies try it on your husbands tomorrow mornin'. They'll sit up and beg for more. It's the one instant that makes good breakfast coffee.



Keep your eye out for the jar with "full-bodied" on the lid. That way you're sure of getting the remarkable full-bodied coffee—New Instant Chase & Sanborn.



Watch the Tennessee Ernie Ford Show on Daytime TV . Monday through Friday . See your local paper for time

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EAST-WEST WAYNE CONTINUED





OUT TO GET WAYNE in The Conqueror, Tartar horsemen (top) charge into combat. Below, in The Searchers, Indian horsemen set forth to do him in.





BITING THE DUST in Conqueror (top) three Tartars succumb to Wayne's arrows and (below) in The Searchers three Indians crumple under his bullets.

CONTINUED



MOVIES



AS EASTERN HERO in The Conqueror, big John Wayne plays the Mongol chieftain Genghis Khan. From horsehack he casts his granite gaze upon the Mongol and Tertar tribes waging battle around him.

EAST AND WEST MEET IN WAYNE

Give him a horse, a desert and a chance to fight, and John Wayne is at his reliable best wherever he rides. As the bloodthirsty Asian ruler Genghis Khan in RKO's The Conqueror, which is one of the year's biggest movie money-makers, Wayne has been galloping over the Gobi Desert, wearing a spiked helmet. Now in Warner Brothers' The Searchers, Wayne is all set to ride again, this time

on the Arizona desert and wearing a 10-gallon hat. The Searchers is directed by John Ford who made Wayne a star in Stagecoach (1939).

Both movies—the eastern and the western—have been tailored to fit Wayne's special talents and satisfy his millions of followers. They prove that when Wayne is out on the trail the difference between East and West makes no difference.



AS WESTERN HERO in The Searchers, Wayne regards the bleak Arizona landscape as he goes forth to fight a tribe of savage Indians and avenge an old family wrong. This friend the parson is at the left.

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Wittnauer watches illustrated left to right-Witnauer Charm-a truly irresistible teminine watch with dainty expansion bracelet, \$35.95; Wittnauer Leader-modern design of case complemented by expansion band, \$35.95; Wittnauer Starlet-fashionable from the watch to the slender expansion bracelet, \$49.75; Wittnauer Look-Mikes-perfectly matched for gift twosomes, of elegant simplicity with black

suede straps—for him—Wittnauer Statesman "M", for her—Wittnauer Festival "I", \$59.50 each, Wittnauer Vanguard All-Proof Automatic—a self-winding watch with maximum protection against all common watch hazards, sweep second hand, reserve power indicator, expansion band, \$71.50; Wittnauer Diamond Star—diminutive loveliness in a 14K white or yellow gold case, set with two choice diamonds, \$71.50.

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frothy pinkness hurries deep, deep
down. Exclusive double-action formula swishes away every last speck
of the day's make-up and grime...
leaves your skin like silk...smoother,
clearer than you've ever known! \$1.

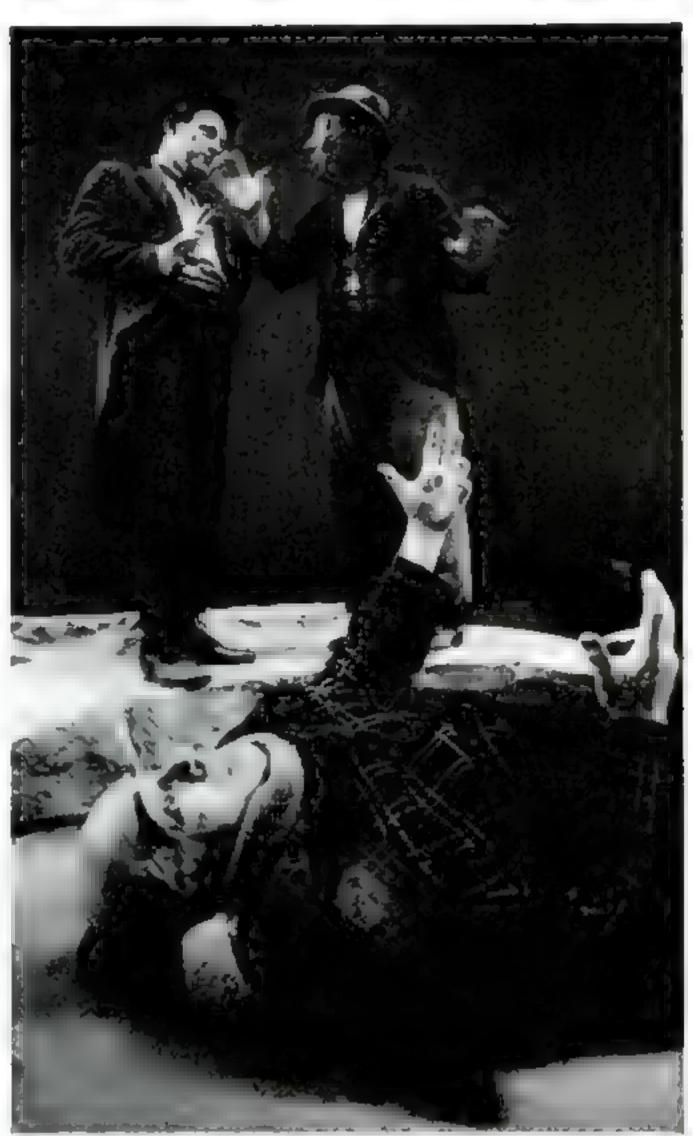
Other Sheer Velvet delights by Dorothy Gray: Glamorous Sheer Velvet F. m., \$1.25. Sheer Valuet Face Pourter, \$1.00

Sheer Velvet Face Powder, \$1 00. Sheer Velvet Compact (powder-plusfoundation), \$1.25.

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Dorothy Gray

CHARITY AND ENDURANCE



ARGUING whether to help a stricken tyrant (Kurt Kasznar) who is unable to get up, Lahr and his sidekick (E. G. Marshall, left) decide to be merciful.



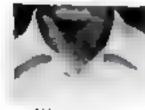
FACING THE NIGHT, the two dilapidated cronies have small hope of ever meeting Godot but feel that they have nothing left to do but go on waiting.



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The most comfortable shirt you've ever worn!





Wear open

Something we purposely left out makes the Arrow Bi-Way such a pleasure to wear. We're talking about the absence of a collar band. The result is a soft, lowsetting collar of extraordinary comfort and distinguished appearance. This Arrow Bi-Way is made of fine lightweight "Sanforized" fabric, meticulously tailored. Price, short sleeves \$3.95; long \$4.50. All-silk Arrow Tie, \$2.50. Cluett, Peabody & Co., Inc.

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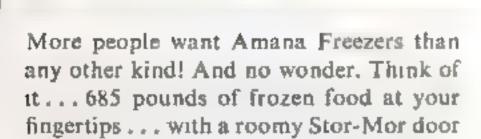


The New "Ster-Mer" Deart Holds 80 full pounds of food ... a month of meals! All food is easy to see, easy to reach. Notice special rack for frezen fruit juice concentrates.

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CONTINUED



WITH A WARM AND GOOFY GRIN BERT LARR EXPLAINS THAT HE IS WAITING WITH OTHER WAYFARERS TO ENCOUNTER A MYTHICAL STRANGER NAMED GODOF

LAHR IN MIDDLE OF RIDDLE

A comedian's artful slapstick enlivens philosophical—and baffling—show

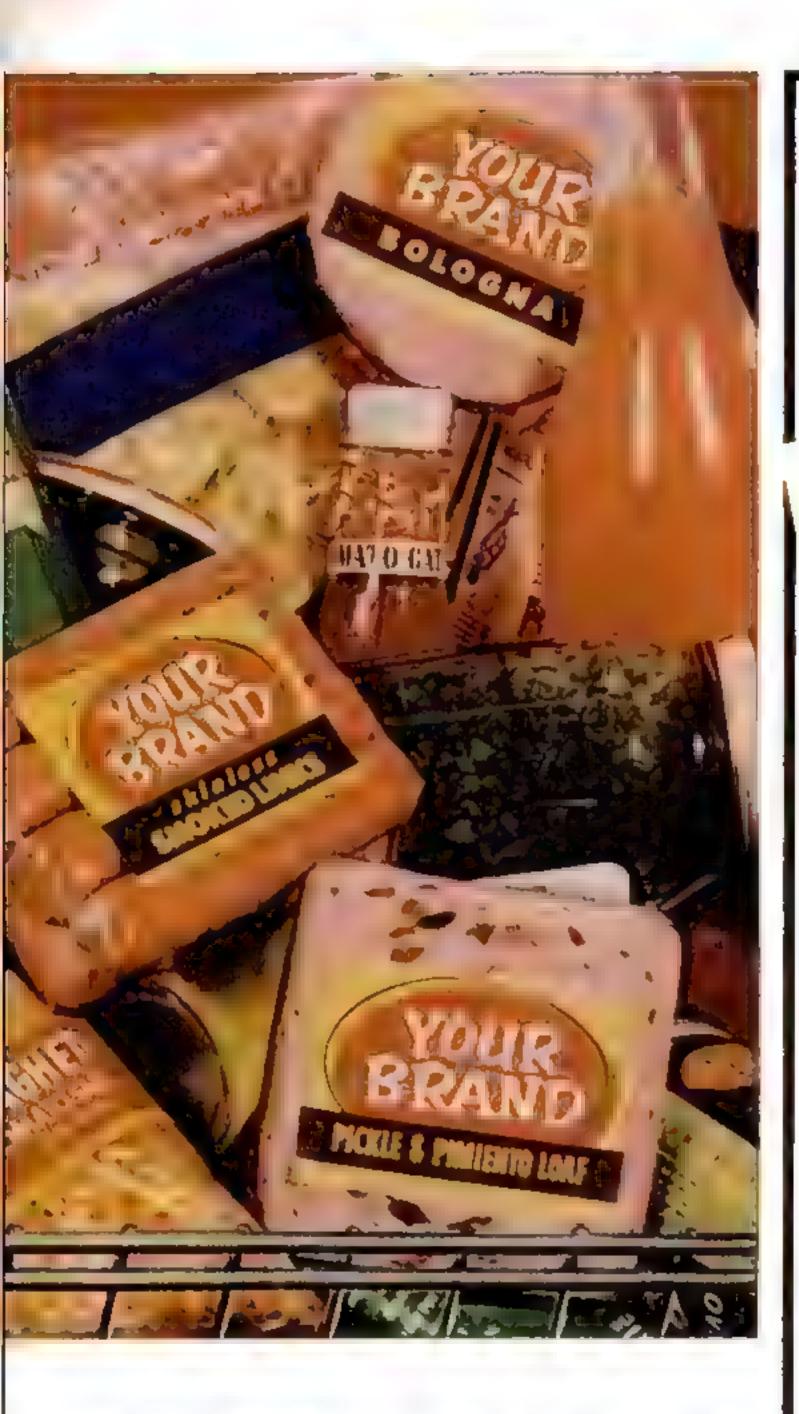
From his background of burlesque, musical comedy and TV. Bert Lahr stepped into Broadway's most controversial play and banished all controversy on one point. Everybody agrees that Lahr is great. In II aiting for Godot he plays a wandering bobo who waits with his addition a desorbate road to meet a mysterious personage called Godot. They are joined by a rich man who leads his flunky around by a leash and whips him into obedience. The play consists solely of their way quips and philosophical banter—much of it brillantly written—while the two tramps wait for

Godot, who never shows up. Godot's identity is never revealed; he may symbolize God, or the future, or the riddle of human life.

Written by Irishman Samuel Beckett, Godot has already 131 a wife success in Europe. It has been attacked as drivel, praised for its profundity furiously lebated is a fathe of mankind's craelty saffering compassion and to the As performed on Broadway by Lahr and a fine troupe of actors, it has in any case an element of slapstick which adds little to the enlightenment but a good deal to the enjoyment of audiences.

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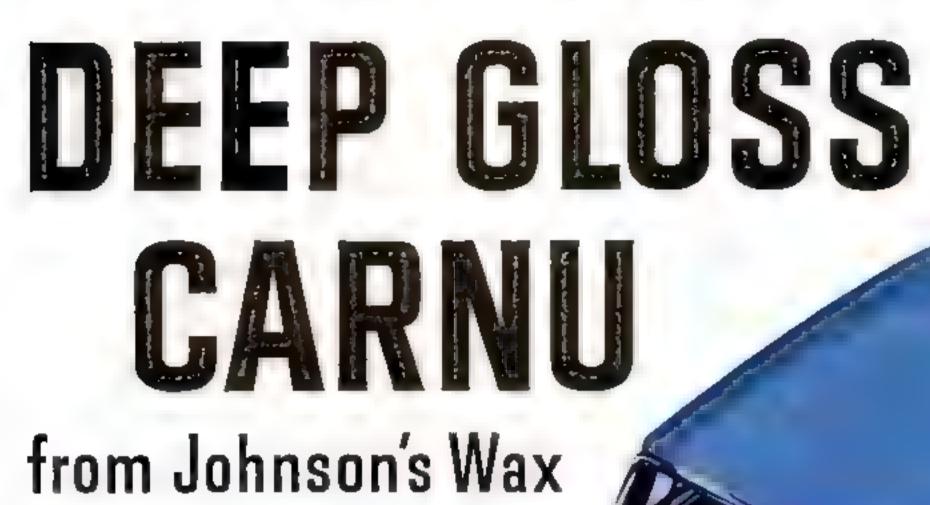


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Culligan soft water service

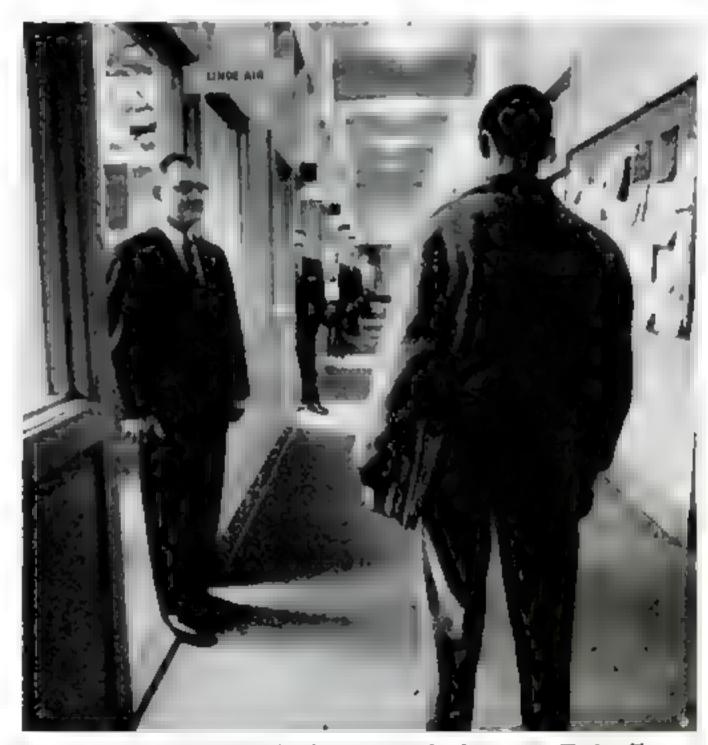
Culligan, Inc. and its franchised, full-line water conditioning dealers in the United States and Canada - Home Office, Northbrook, Illinois that some young graduates in this boom market will acquire an inflated view of their importance and will conclude that the normal rules of competition, compensation and accomplishment have been permanently suspended in their behalf. I am sure they haven't, There is always the risk of a boom creating distorted values, and this is especially dangerous when the commodity is our young men. But even though the current feverish employment efforts may slacken, this will not mean that long-term supply and demand will have been balanced. We may experience a drop-off in the need for the foot soldiers of technology but the need for flag officers will always be high,

I have been through the experience at M.I.T. of seeing its enrollment nearly double in a decade, I know, therefore, something of the huge new investment of men and money required to expand while at the same time we were seeking to raise standards and keep pace with the explosive development of science and engineering. The question as to whether M.I.T. will expand still more is yet to be decisively settled, but I am glad that M.I.T. already is tooled up to make a greater manpower contribution to the nation in this critical period and that much of this increase has come at the graduate level where the need is greatest. I am glad that we have been moving steadily toward greater stress on fundamentals and on new fields of technology. But what of the future?

Further expansion means new investment at the rate of about \$50,000 per additional student in endowment, buildings and equipment. To this must be added the high cost of all the new instruments, facilities and men required to keep up with technology and industry and to avoid obsolescence. We will have this cost even if we do not add a single additional student. But cost is not the fundamental question, nor should it be the controlling factor in reaching a decision whether to expand. The real problem is to find enough great teachers; the real question is whether or how we can expand without damaging the quality of our education and research.

These are the factors and responsibilities which are being weighed in private scientific institutions across the country. In the exciting atmosphere of rapid discovery and intellectual ferment, of mounting demands for men and ideas, the decisions which are being made require sober and thorough debate, for they affect the future productivity, creativity and intellectual climate of America. It is the glory of American education that these decisions can be made freely, institution by institution, and that out of the diversity of views can come a consensus, wiser because it is unregimented.

It is the faith of America that such free discussions and decisions are the best means for insuring that the education of our scientists and engineers can be made fully equal to the needs of the nation.



THE DEMAND CONTINUES as companies line up in Tech offices to talk to graduates. Killian expects demand to exceed supply for many years.

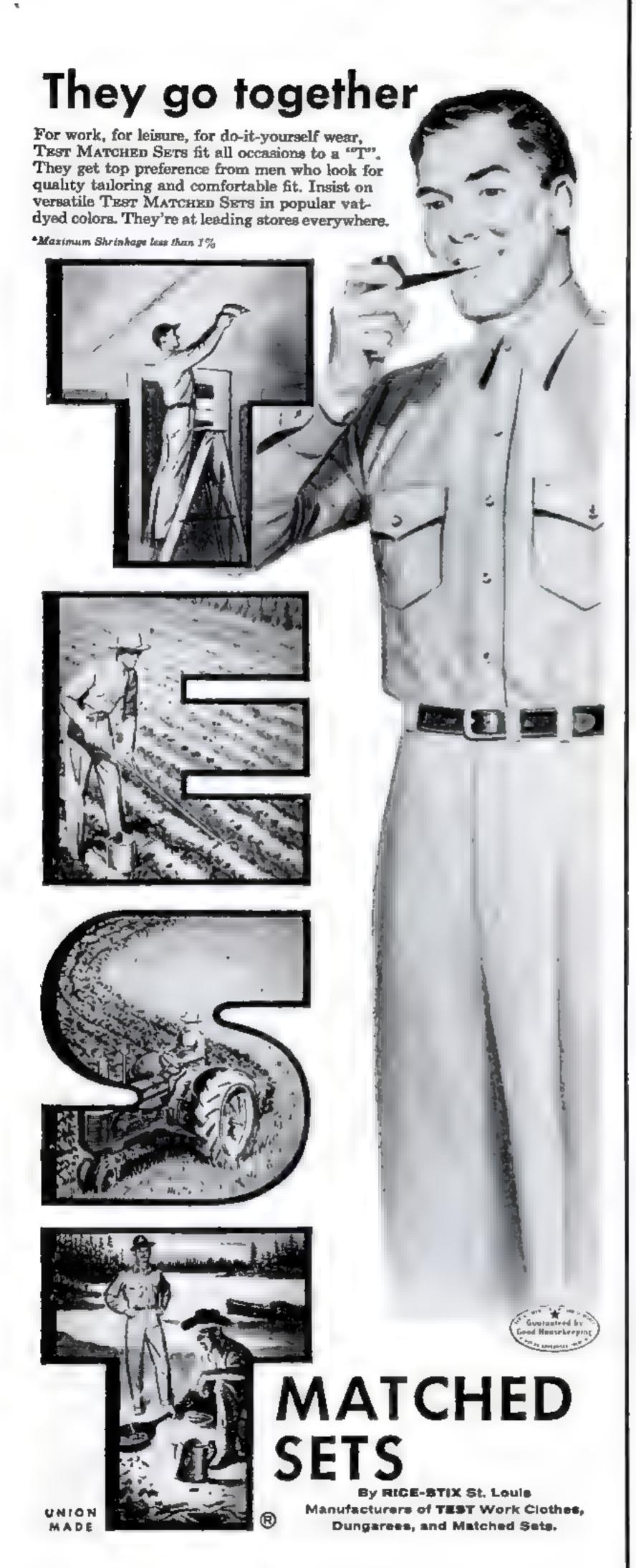


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immediate needs with a federal program with the hope and plan that private funds will be adequate to carry the need after five years.

Second in my suggested list of remedial measures would be a concerted effort to revitalize the teaching of science and mathematics in the secondary schools. My associate, Professor Jerrold R. Zacharias, has suggested one approach. Let a group of the best physicists in the country come together in a special study group to plan a whole new approach to elementary physics education. Let them set the new goals demanded by modern physics, design new courses, visualize fresh experiments and imaginative demonstrations. Let these plans be reduced to reality by a working group which will design and direct the making of, say, 90 professionally executed movie shorts of 20 minutes each with the necessary accompanying manuals and texts In this way let us capitalize on the resources of visual technology, the imagination, understanding and zeal of great physicists, to give to the secondary school teacher a fresh and powerful teaching aid and a new reach. A million-dollar project of this kind might well infuse new life and great teaching art into the teaching of science in thousands of schools. It is my hope that such a project may serve as a pilot plant for lifting the teaching of the other sciences to a new level.

Third on my list of needed actions is a national forum like the recent White House Conference on Education to throw a spotlight on ways whereby the nation can educate more and better scientists and engineers. The nation's technological work requires a broad spectrum of abilities and skills, ranging from the technician, who does not need a degree, to the creative scientist or engineer whose education has carried him through the Ph.D. or even postdoctoral study. Men are in short supply throughout the entire spectrum, but our greatest current shortages are at the extremes: we need more technicians to back up the professional scientist and more two-year terminal programs or technical institutes to train them. At the other end of the spectrum we need more graduate education and more graduate study opportunities to make this possible.

Engineering education, it is felt by many industrialists and educators, is in need of revitalization. Should it not contain more basic science if it is to educate men with the power and versatility required by the growing complexity of our technology, our rapidly advancing science and the growing scope and rigor of the engineer's responsibilities? Do we not also need a new breed of engineer, competent to design and manage great engineering systems and skillful to handle the human problems involved?

Such questions need to be examined and discussed in a national forum where they can be illuminated for the public at large. Either of two committees recently appointed by the President, one on Education Beyond High School and the other on Development of Scientists and Engineers, might plan and sponsor such a forum.

A grand strategy

FOURTH, and finally, I suggest that we formulate the outlines of a grand strategy for maintaining our technological advance in the U.S. We need such a plan if we are adequately to advance our educational and manpower programs.

I recall the great influence exerted by the President's Air Policy Commission through its notable report, "Survival in the Air Age." Scientists and engineers advisory to the government are organizing a comparably thorough report to chart our technological progress in the years ahead. Not only should it deal with manpower and its education, it should look also at the utilization of manpower and the personnel policies in government, industry and elsewhere which affect its efficient use and conservation. It should probe for soft spots in our research and development. Is there now too much loss of time between discovery and application? What are the elements of technological strength in the Russian system which hold lessons for us? These are but a few of many questions which could be fruitfully examined in the context of a high-level study devoted to "Survival in the Age of Technological Contest."

And now one note of caution. While the rising long-term need for scientists and engineers is certain to continue, we may expect to witness adjustments in the current demand, particularly an increasing selectivity and discrimination in employment policies. A slackening off in the feverish, indiscriminate scramble we now are experiencing could, in fact, be beneficial and a relief all around. There is danger

A Bold Strategy to Beat Shortage



ROBERT R. POLLARD, TECH'S MOST SOUGHT-AFTER SENIOR, TALKS TO MEN EAGER TO HIRE HIM

M.I.T. PRESIDENT PRESENTS FOUR-POINT PLAN TO GET SCIENTISTS

by JAMES R. KILLIAN JR., President of Massachusetts Institute of Technology

THE current scarcity of scientists and engineers has become one of the best advertised shortages of our time, thanks to eager recruiting by employe-hungry companies and the intelligence that the Soviets' educational output in these fields is larger than that of the U.S. Industrialists, educators and public officials are ringing the alarm, and we are flooded with diagnostic studies seeking to explain the shortage. So far, unhappily, the diagnoses have been fine but the remedies few—and ineffectual.

It would be folly to suggest that we can find a sovereign remedy for the inadequacies of our educational output of scientists and engineers. We can't. Because we believe freedom of choice more fruitful in the long run, not only for human dignity but for excellence, we cannot do as the Soviets do and tell our young people what to study and what careers to choose. If there are deficiencies in the attitudes and performance of high school students, we cannot change them by fiat. We must use incentives instead of directives. We must marshal public opinion to de-emphasize the hot-rodders among our youth and to encourage hot mathematicians.

If there are no easy short cuts to the education of more and better

scientists, there is an opportunity for bold action. We need a national program. We need to turn from assigning blame for our educational and manpower deficiencies and to concentrate on the tactics and strategy for strengthening our manpower resources.

There are certain things that we should not do. We must not allow the pressure for scientists and engineers to obscure the need for first-rate talent in other professional fields. We should not let ourselves be bemused by numbers, especially numbers across the sea. We should not engage in an academic numbers race with the Soviets or even with ourselves. We can win through enterprise, efficiency, unexcelled quality, fully mobilized and motivated intellectual resources. We must not throw standards out the window in order to handle numbers; our shortage is one of quality, properly educated, even more than it is of numbers.

Having noted some of the traps we should avoid as we seek to meet our shortage of scientists and engineers, let me urge four positive moves (a) to get us off

dead center now and (b) to develop a grand strategy for the future. So far, remedial efforts have been too piddling and piecemeal, too lacking in boldness to get large results.

First, the nation should establish several thousand more scholarships to help gifted but needy high school graduates go to college. I would prefer this increase to be financed by private funds as, for example, through a concerted effort by foundations and corporations. But if private funds cannot be marshaled in adequate amount, then I urge a short-term (five-year) federally financed program.

To underline the need for such a program, here are some very rough and very rounded figures. Of the top third of our high school graduates (about 300,000) only about a third go on to get college degrees and thus qualify for the professions. A third apparently do not want to go to college. A third cannot afford to go. The nation cannot afford for them not to afford or want to go.

The scholarship funds provided by colleges, corporations, states and foundations now total between \$50 and \$60 million annually. Increasing this by 50% now would be a great boost. Doubling the present total in two to three years, quadrupling it in five would begin to bring our national student aid resources to the level our growing needs require.

I advocate that we start now by establishing about 9,000 competitive, annually awarded, four-year federal scholarships, these scholarships to be of three kinds: 1) 3,000 scholarships earmarked for those of high

ability who wish to study science and engineering; 2) 3,000 for high ability high school graduates who need not designate in advance a field of study; 3) 3,000 to be awarded to students who have taken enough advanced work in high school to have mastered there such freshman college subjects as calculus, physics and English, in addition to meeting other high school graduation and college entrance requirements. The need for this third kind of scholarship to give recipients advanced standing in college was recently proposed in a discussion of the Science Advisory Committee of the Office of Defense Mobilization.

Women should be encouraged to compete in each category since there has been a high loss of exceptional talent among girl high school graduates. We need to encourage more able women to major in science and mathematics, particularly women who are willing then to become science or mathematics teachers in secondary schools.

Such a program would dramatically highlight the need for a lifting of sights in our high schools and for more adequate opportunities and rewards for gifted students. It would help to encourage better and more advanced teaching of science in high schools. It would enable students of ability to cover more ground in college.

Such an augmented scholarship program would be a pump-priming, booster effort to break out of our present stalemate. Let us meet



AUTHOR J. R. Killian Jr. has been head of M.I.T. seven years.



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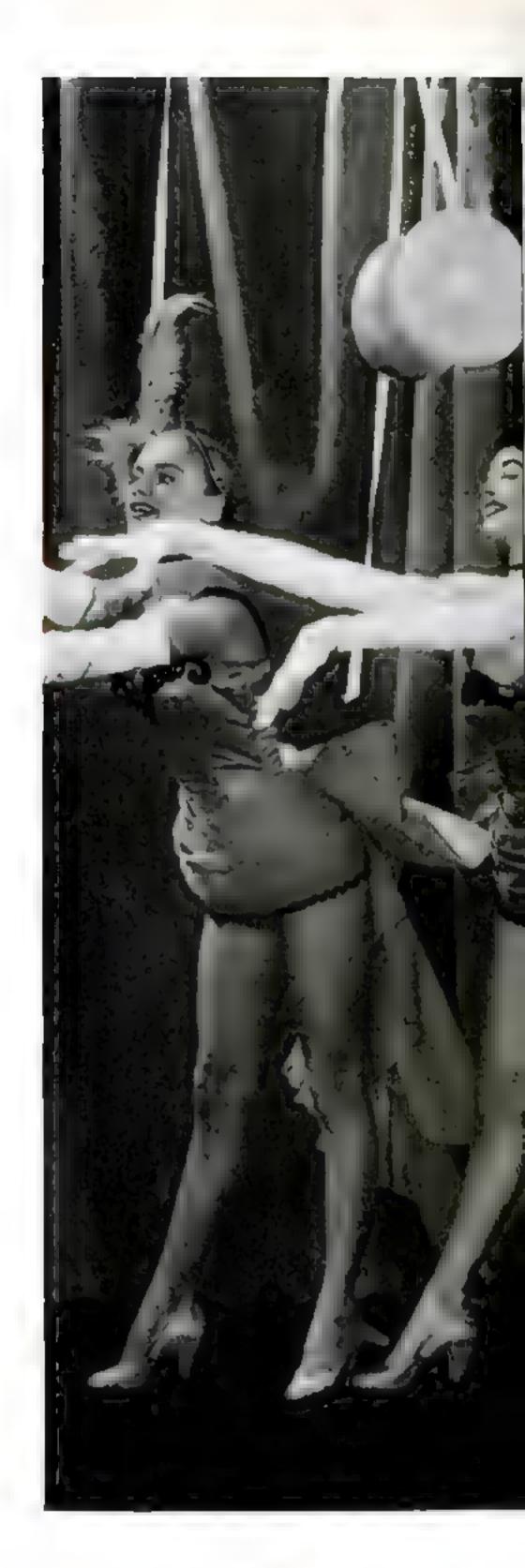
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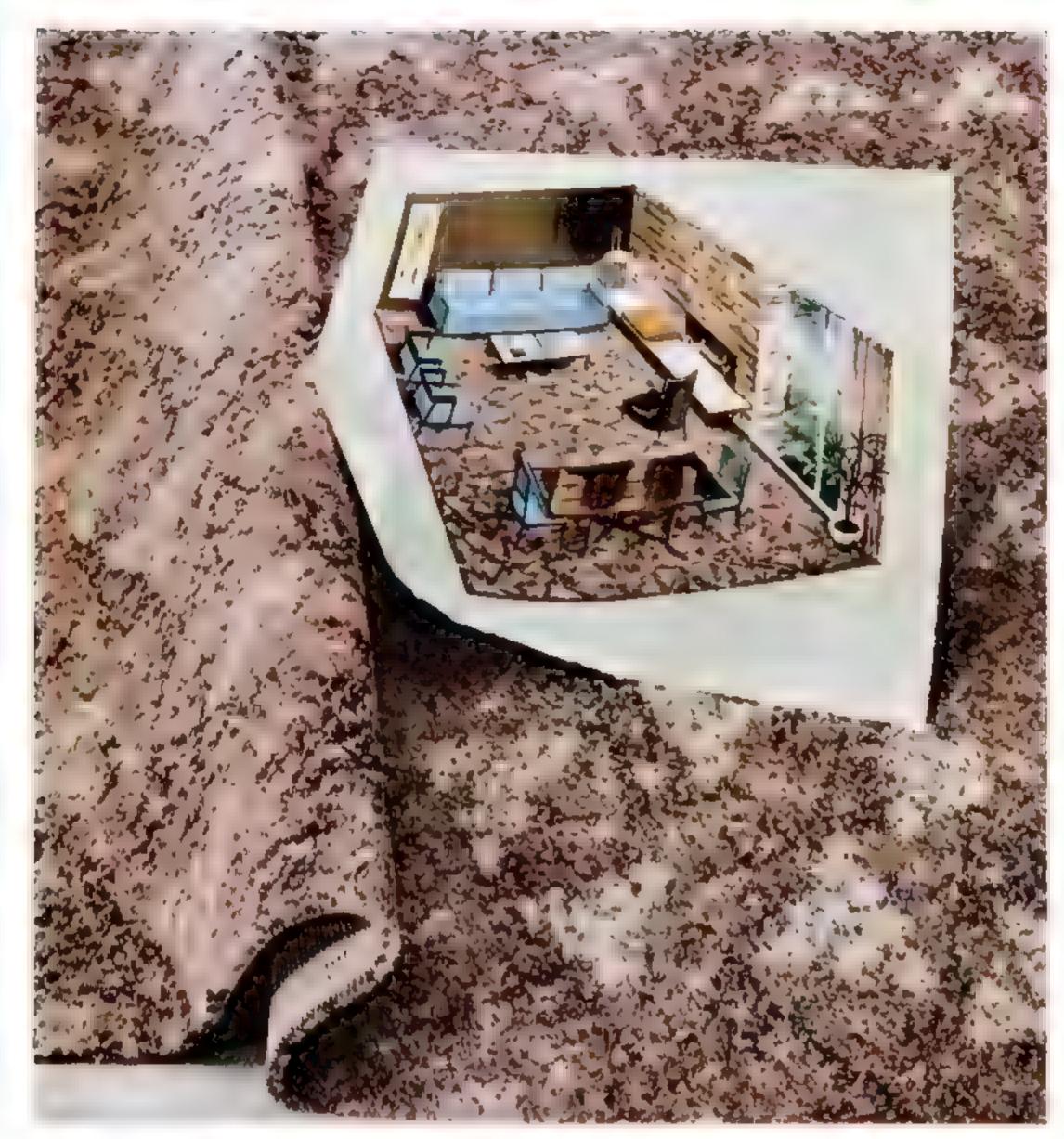


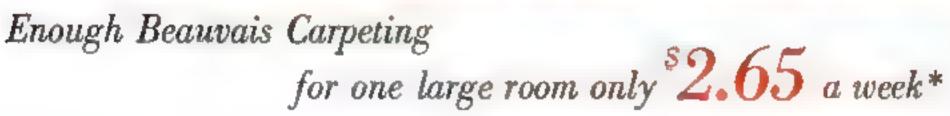
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THE LOOK OF THE FUTURE is displayed by Dudley A, Buck, 29, a graduate student working on a research project for his Ph.D. In one hand (left) is a cryotron, the tiny electronic device he is developing. In the other hand (right) is the bulky glass tube it may replace. Rising into view is the vapor of liquid

helium, a refrigerating agent in which the cryotron must operate. Since it may lay the groundwork for an electronic computer which occupies only a cubic foot instead of one now occupying 8,000 cubic feet, the cryotron may find a use as a navigational "brain" in the intercontinental ballistic missile.

ON PAGE 147: M.I.T.'s PRESIDENT PROPOSES
PROGRAM TO GIVE U.S. MORE SCIENTISTS

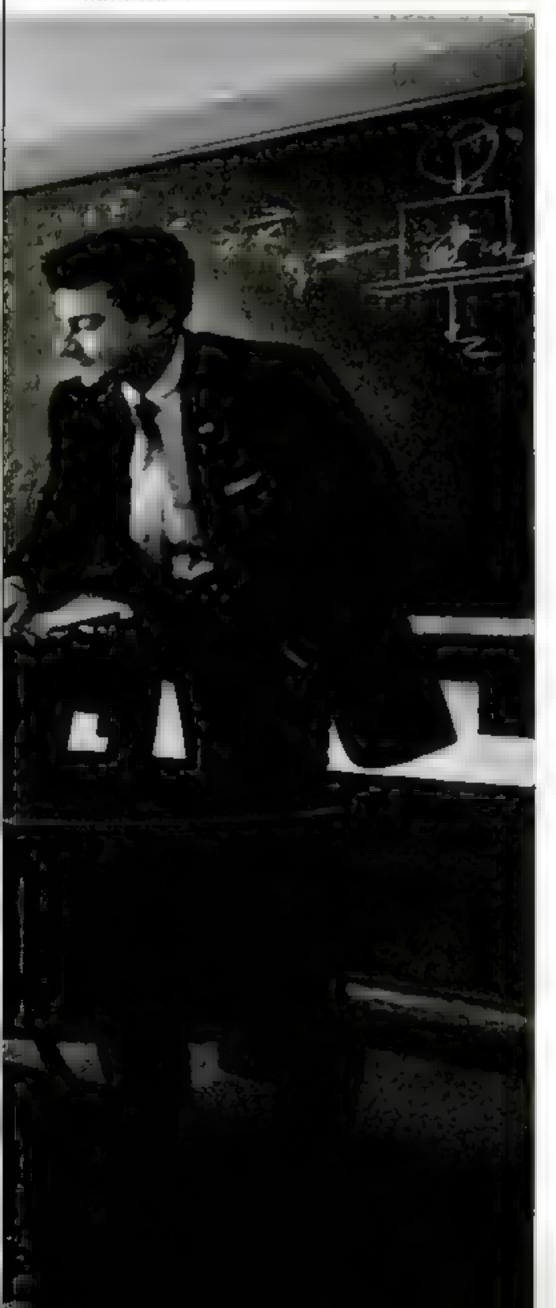


OF SOPHOMORE ENGINEERS IN PHYSICS CLASS

IN THE WORLD

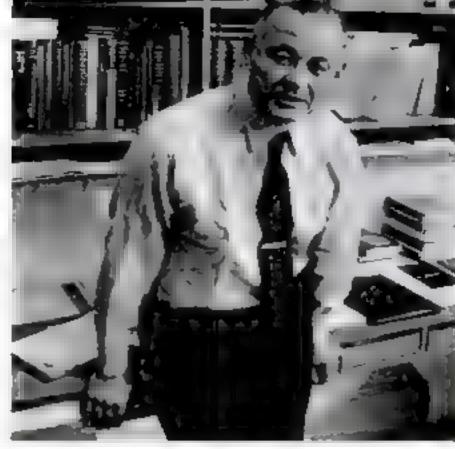
M.I.T. is now the finest example in the U.S of the trend toward integrating science and the liberal arts. To Life Photographer Gjon Mili, an M.I.T. graduate (1927) who returned to take these pictures, this was an eye opener. Of all the changes in his alma mater, he says, "the most wonderful is the extraordinary effort to build the engineer into a whole man..."

REDESIGNING VACUUM CLEANER ION TABLE)





CHIEF PLANNER of M I.T.'s new program is Dr. Julius A. Stratton, provost and academic vice president of the institute. He is prime mover in the effort to emphasize humanities in curriculum.



AUTOMATION EXPERT Dr. Gordon S. Brown, Australia-born head of electrical engineering department, has led military projects involving selfcontrolling devices known as servo-mechanisms.



PHILOSOPHICAL DEBATE on what constitutes "art" engages students of English Professor



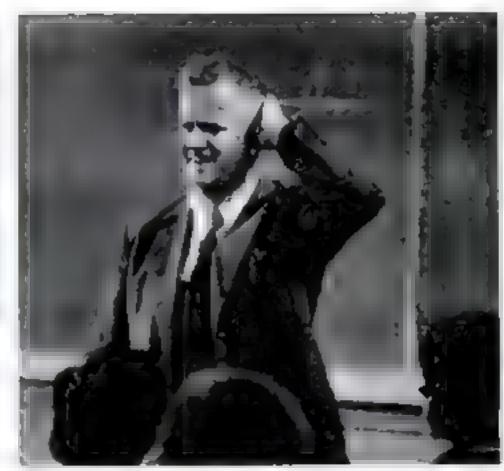
GYROSCOPE SPECIALIST Dr. Charles Draper, head of the department of aeronautical engineering, developed antiaircraft device that helped the Navy increase Kamikaze kills in World War II.

William C. Greene as he blocks his face with one example—Donatello's sculpture of the Virgin.



ATOMIC SCIENTIST Dr. Victor E. Weisskopf, Vienna-born physicist, did work on Manhattan Project at Los Alamos with Dr. Robert Oppenheimer, whose picture he admiringly keeps on wall,







MIT'S MOST VIVID TEACHER, DR. HANS MUELLER, VARIOUSLY DISPLAYS INTEREST, INCREDULITY, DISMAY AND DELIGHT AS RELEADS RECITATION

NEW FOCUS FOR THE FACULTY ON THE CAMPUS AND

The change at M.I.T. began with proposals made by faculty members who cut out new roles not only for the students but for themselves as well Some, like Flder Scientist Vannevar Bush, are there chiefly to think. Others, assisted by many of the 2,000 graduate students and selected seniors, are engaged in projects as purely theoretical as building an

atomic clock or as immediately practical as improving military missiles.

In the past many great professors were so involved in research that they had little time to share with undergraduates. Now, following the example of Dr. Hans Muetler (above), a well-known physicist, senior professors are increasingly concerned with teaching, to bring

a new excitement to undergraduate courses

Undergraduate training, now carried on in smaller and smaller units, puts a new emphasis on creative thinking Instead of learning how to design a better electronic tube, for example, students are encouraged to consider a new process which eliminates the tube.

Once invidiously called "a trade school,"

IN A RECITATION GROUP OF MECHANICAL ENGINEERING SENIORS ASSOCIATE PROFESSOR WILLIAM A WILSON (WITH HOW TILL PRESENTS PROBLEM OF







J. Massa of Newark, N.J. works with a



MATHEMATICIAN Judith Gorenstein of Flushing, N.Y. is one of 12 women in her class. She will take graduate studies at Tufts Medical School,

pulse-height analyzer to interpret noclear data. He will join the Air Force.



METALLURGIST Pesi N. Dastur of Bombay is one of 650 foreign students at M.I.T. Like his two brothers who went to M.I.T., he will return to India.

TOP SENIORS IN BROADENED FIELDS



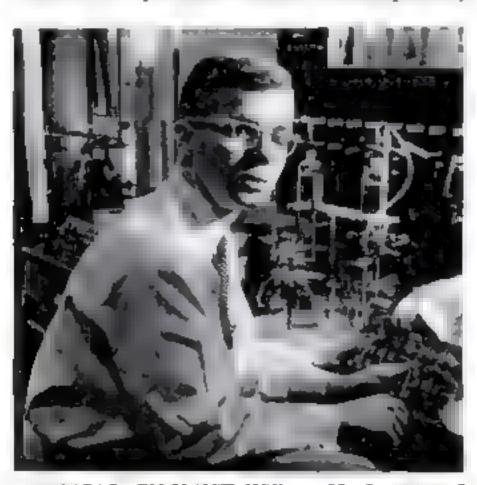
PHYSICIST Oliver D. Johns of Seminole, Okla., president of senior class, recently won a Rhodes Scholarship for graduate study at Oxford University. He eventually plans to become a teacher.

Sixty-five percent of M.I.T. students concentrate in the field of engineering, and another 21% in science. But the classic gulf between the two is rapidly being narrowed and M.I.T. now seeks to interrelate the courses of each. The need for science-oriented engineers has brought about the strengthening of the physics department, the new glamor field at Tech, and today 19% of the freshmen, compared to 2% in 1939, plan to make it their major. In laboratories, where students were once asked to operate lathes to turn out their own parts, emphasis has been switched from specific techniques to the creative objectives of research.

No one appreciates the pay-off better than this year's seniors. Pursued by industry and government, they are being offered average starting salaries of \$425, 10% higher than offers a year ago. Most of them will take the jobs. But 30%, including the outstanding seniors shown here, intend to do graduate work and perhaps eventually help meet the technologist shortage by becoming teachers themselves.



MECHANICAL ENGINEER Charles Kruger of Oklahoma City works on an aerothermopressor,



PHYSICAL CHEMIST William H. Orttung of Narberth, Pa., top senior in the field, has a scholastic average of 4.94 (out of possible 5.00). Next year he will study at the University of California.

developed at M.I.T. to increase gas turbine power. Next fall he hopes to do graduate work in Holland.



AERONAUTICAL ENGINEER Fred Culick of Exeter, N.H. works on a helicopter-blade model in a low-speed wind tunnel. He plans to stay at M.I.T. for graduate work and later to teach.



AMIDST GRINDING WORK, SOME FUN

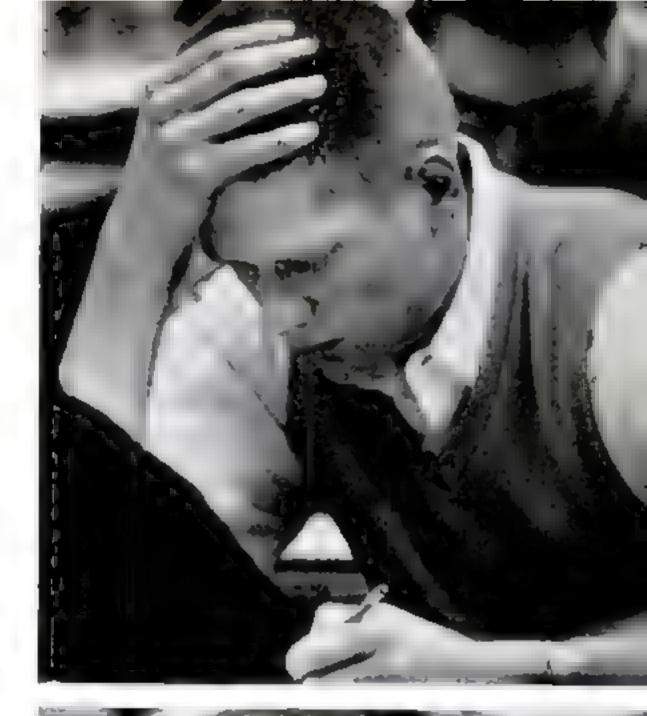
Sailing dinghies down the Charles, M.I.T. men sometimes convey an impression of leisurely living. But in their fraternities and their rooms on the campus, these same men line the walls with banners proclaiming, "Tech is Hell!" Boasting they have the toughest regimen of any U.S. campus, they like to point out that they average 55 hours a week in class and laboratories, nearly double that of their liberal arts counterparts at nearby Harvard.

On top of that Tech men put in long hours of cramming for formidable three-hour exams. But they have their own appropriately technical way of lightening the ordeal. One student, for example, goes to sleep with a tape recording of his own words speaking the day's

lesson into his ear, hoping thus to imprint it indelibly on his mind.

During the free time they do have, Tech men relax in an atmosphere that provides a refreshing contrast to that of many colleges. M.I.T. has neither a college yell nor a varsity football team, but it encourages college-wide sports and the students manage to bring herce competitive skills to such pastimes as chess, debating and croquet.

The curriculum, with a basic core of math, physics and chemistry, is the big challenge, "I've had times when I've considered transferring to Georgia Tech," says a junior, "But after a while you become stubborn. You're determined nothing could drag you away,"







TAKING AN EXAM in calculus, James F Regan, a junior, wornes through a three-hour ordeal.





STUDENT SAILORS negotiate a fleet of dinghies down the Charles River past the M.LT campus.

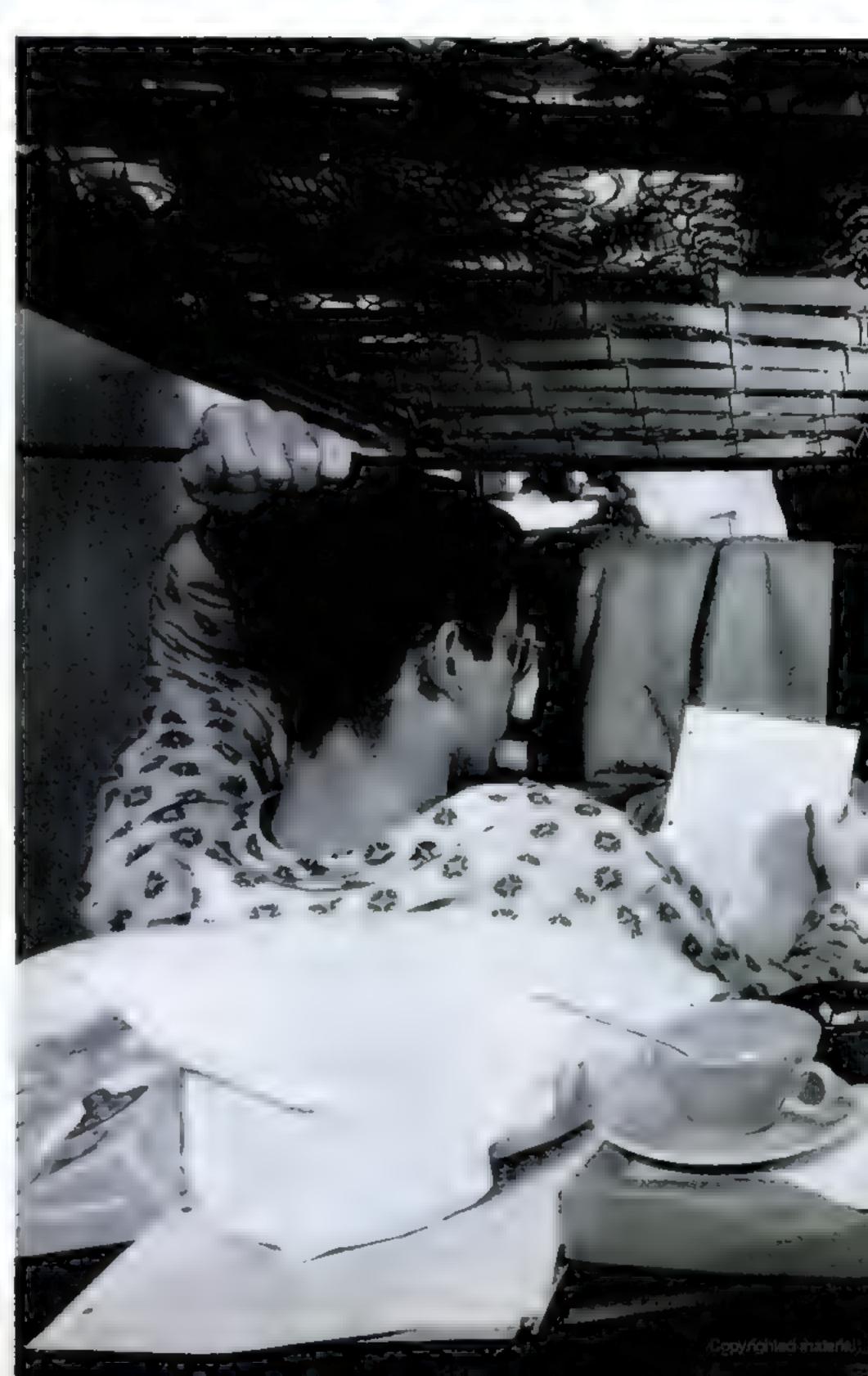


COSTUMED STATUE of M.I.T. Founder William Rogers is stunt to promote campus magazine.



EARNEST DEBATERS are Lowell Wilson and Vernon Porter. M.I.T. won regional title in 1955.

CRAMMING FOR AN EXAM, William Brandon and Joel Searcy keep key equations on walls



A QUEST FOR QUALITY IN SCIENTISTS

M.I.T. EMPHASIZES TRAINING BETTER—NOT MORE—STUDENTS

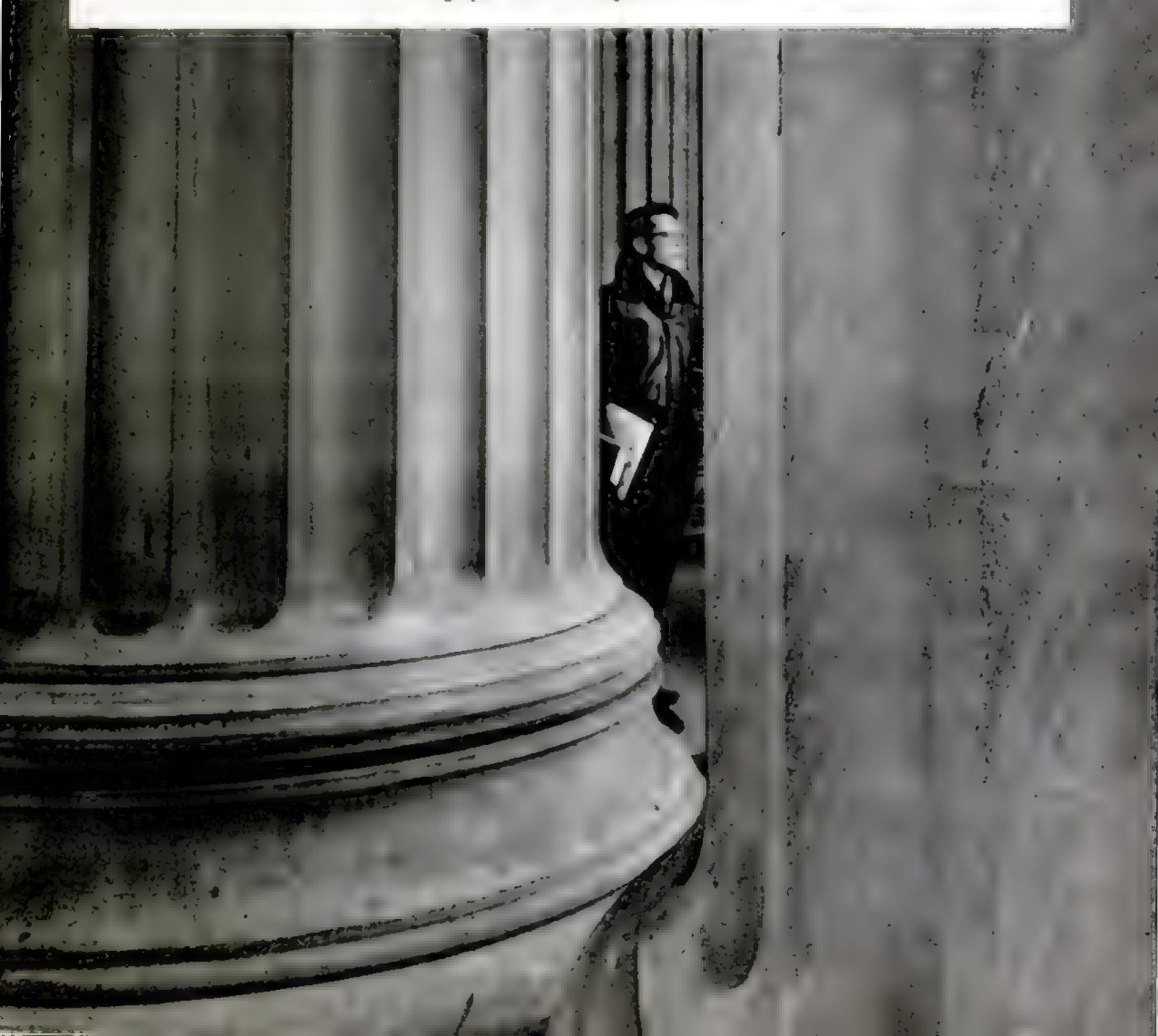
As they watch the fast-growing numbers of scientists and engineers being trained by the Russians (Life, March 5), most Americans feel the U.S. has no alternative except to outrace the Soviets in producing technologists. Yet the most thoughtful American educators and scientific leaders warn that the only hope for the U.S. is to concentrate on turning out better scientists and engineers than Russia. This is the philosophy of the Massachusetts Institute of Technology at Cambridge, Mass., widely regarded as the finest technical school in the world.

Trying to meet this new need, M.I.T. is now engaged in the greatest changes of its 95-year history. To meet the need for more

scientists, Tech has taken in almost twice the students it had 15 years ago. An undergraduate, like the one below, is taking courses which are both more complex and more meaningfully related to the whole sweep of modern science. Most significant of all, he finds himself subjected to a new emphasis on the humanities, for the scientist and engineer today is being pushed into a totally unfamiliar area of responsibility, forced to help make the gravest kind of political, social and military decisions.

The new world of M.I.T. is described on pages 136-142. Then, on page 147, Dr. James R. Killian, president of M.I.T., suggests a bold new program to tackle the problem on a national level.

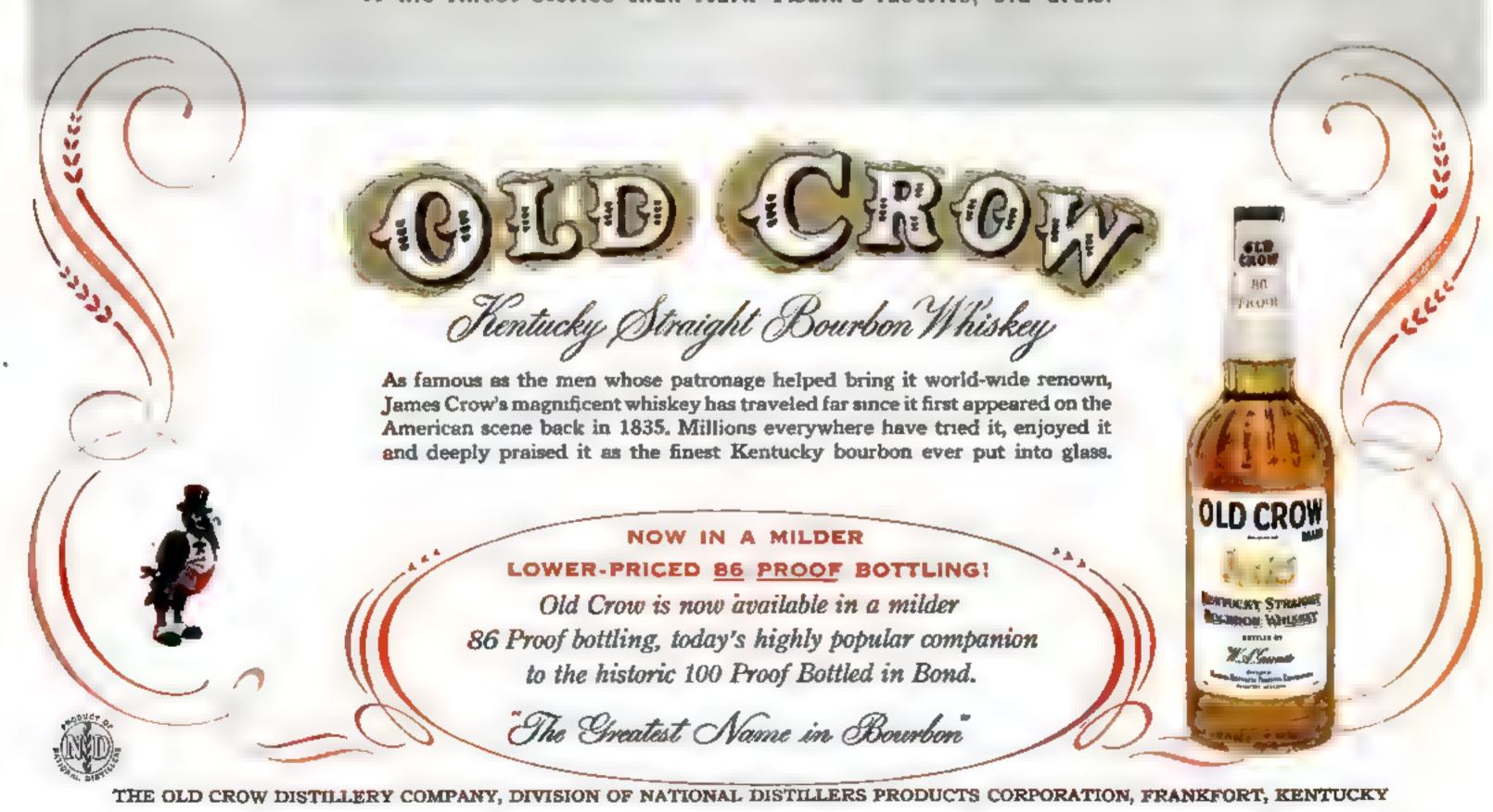
Photographed for LIFE by GJON MILI





BREET HARRE ENGORS A DRINK AT MARK TWAINS HOME

What finer whiskey to celebrate author Bret Harte's completion of one of his finest stories than Mark Twain's favorite, Old Crow.

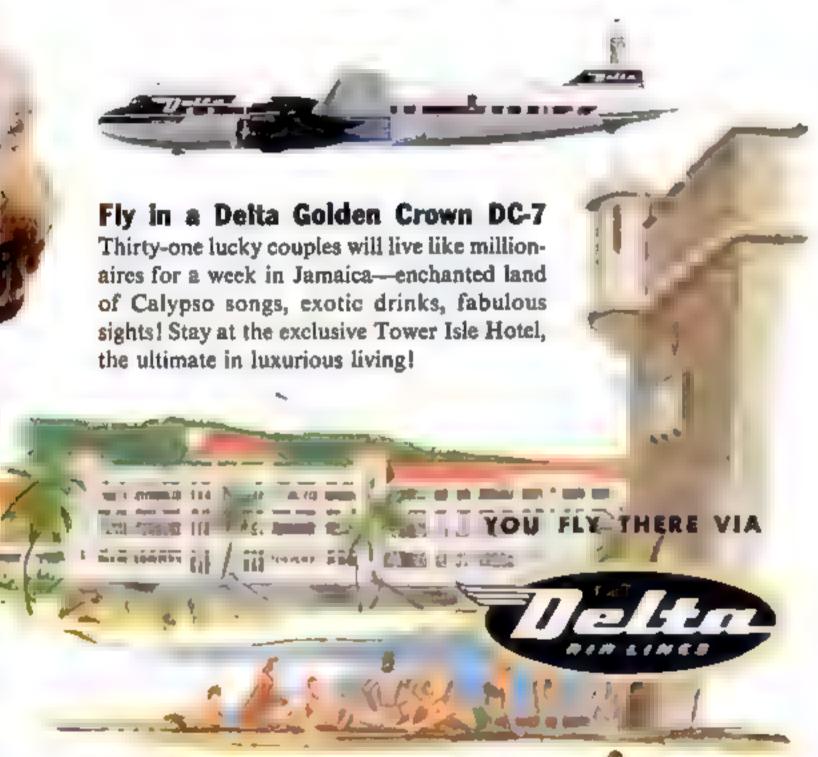


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Get your official entry blank from any fine furniture or department store featuring the Sealy Posturepedic Girl Contest! Then write the name you think best fits the Sealy Posturepedic Girl on the official entry blank and mail it in! You've probably already thought of several good names but here are a few sample suggestions: Iona Sealy, Ima Sealy, Pixie Lee (Pick Sealy). That's all there is to it! CONTEST CLOSES JUNE 2, 1956. SEE OFFICIAL ENTRY BLANK FOR FULL DETAILS.

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- UNIFORM FIRMNESS FROM HEAD TO TOE ASSURES SCIENTIFICALLY CORRECT SUPPORT . . . RELIEF FROM MORNING BACKACHE*
- EXCLUSIVE SEALY "LIVE-ACTION" COILS AUTO-MATICALLY ADJUST YOUR BODY TO HEALTHFULLY CORRECT SLEEPING POSTURE—AND WHEN YOU SLEEP CORRECTLY, YOU SLEEP COMFORTABLY!



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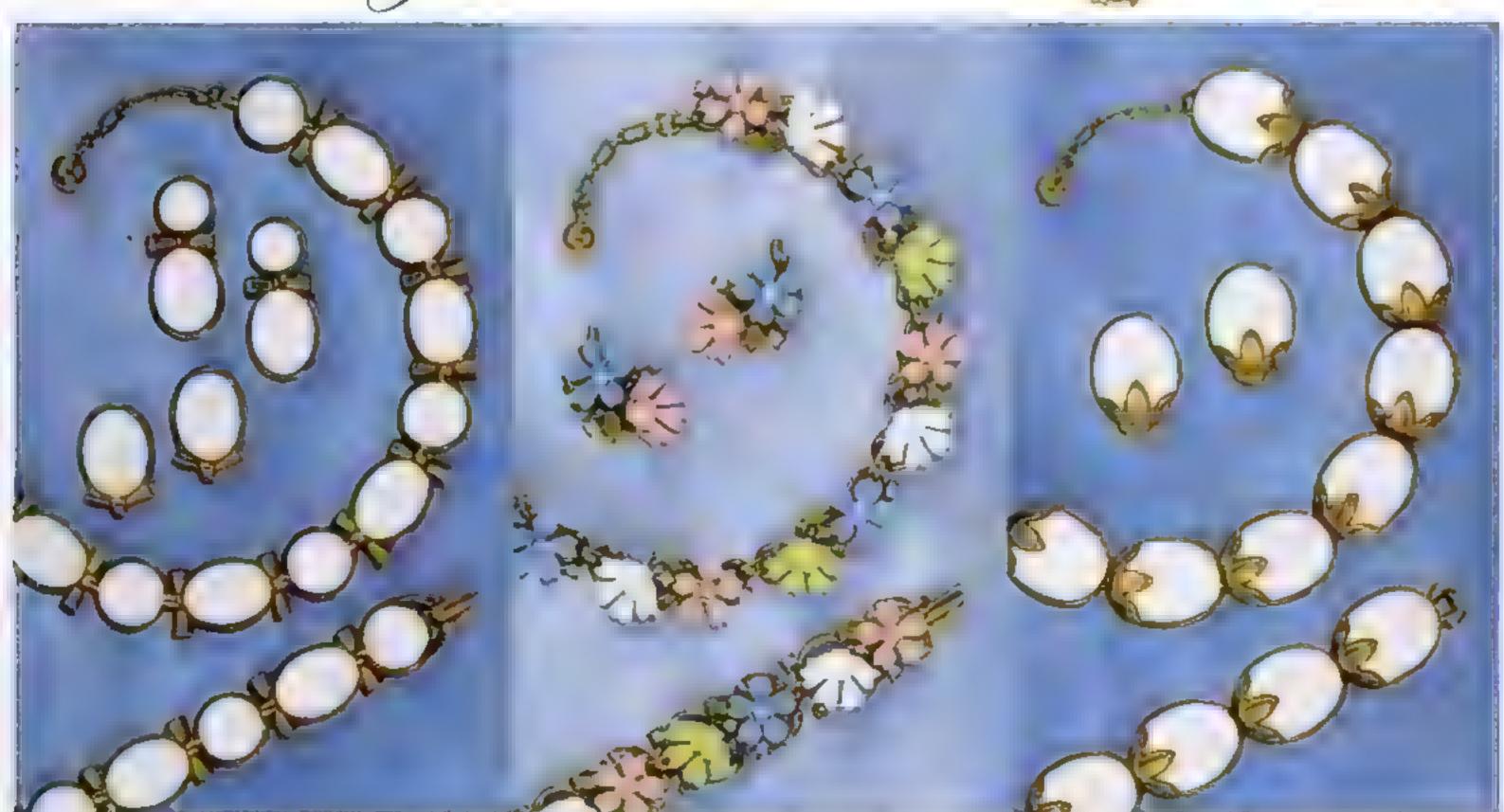


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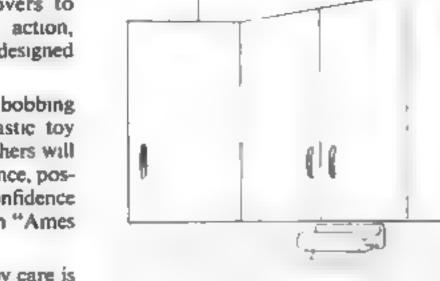
BOBBER

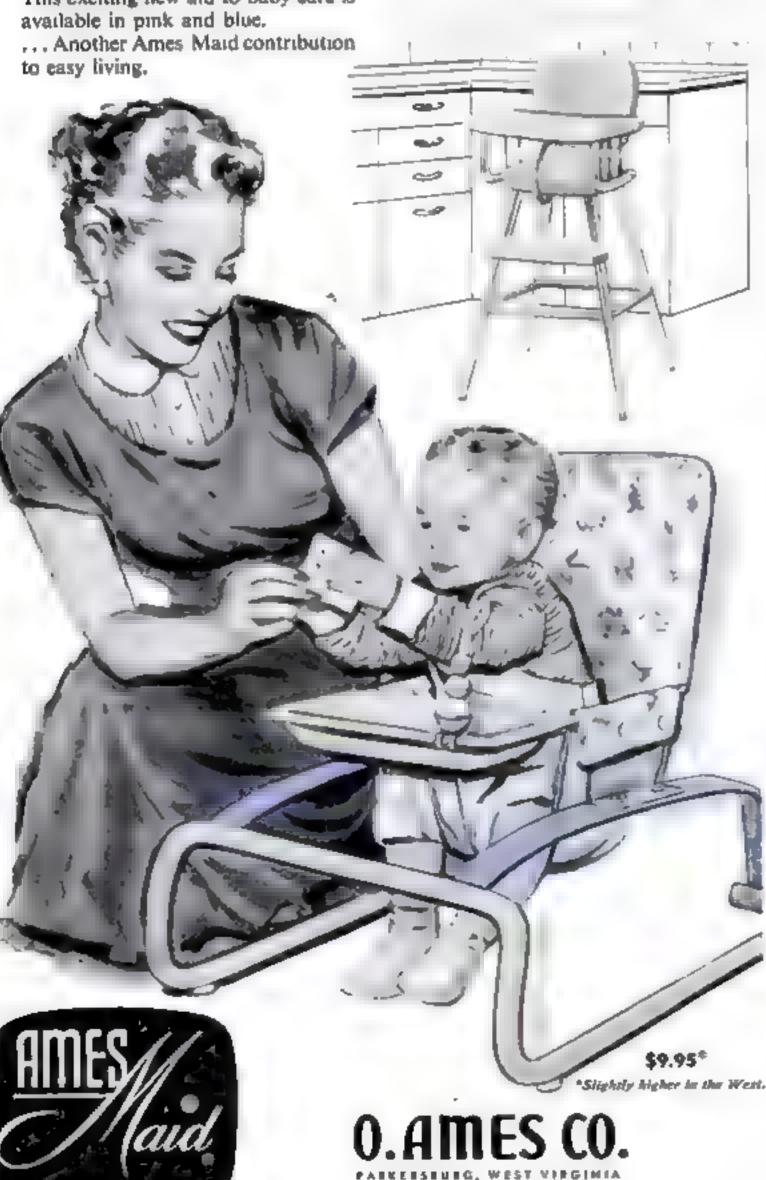
carefree corral for frisky small-fry

This dramatically new "Ames Maid Bobber" is the practical and pleasant solution to the problem of how to keep bouncing babies occupied and out of harm's way. From colorful sanitary printed plastic covers to gentle firm-footed bobbing action, this unique seat is safety-designed for baby.

Babies will love the mild, bobbing action and the movable plastic toy attached to the tray . . . Mothers will appreciate the easy maintenance, posttive safety, and feeling of confidence that comes with the use of an "Ames Maid Bobber".

This exciting new aid to baby care is





SURPLUS BOUNTY CONTINUED

RICE AND CHICKEN AMANDINE

3 cubs cooked rice

2½ cups diced cooked chicken

1/2 cup blanched, slivered, toasted almonds

2 cups chicken bouillon

I cup heavy cream

1 tablespoon minced onton

2 tablespoons dicad pimento

1 tablespoon minced parsley

4 tablespoons butter or chicken fat

1/4 cup flour

1/4 teaspoon nutmeg

1/4 teaspoon thyme ½ teaspoon sweet marjoram

1 teaspoon salt

Sauté omon in butter. Add flour, blend. Gradually add bouilton, stirring constantly until sauce thickens. Simmer 10 minutes, add cream and heat thoroughly but do not boil. Add rest of ingredients, mixing well. Pour into buttered 2-quart casserole. Bake in moderate oven (375°F.) 20 to 30 minutes. Serves 6.

RICE FLAMINGO

1½ cups nos 1/4 cup tomato paste

I pound sliced mushrooms 1/2 cup grated Parmesan cheesa 1/2 cup finely chopped onion 4 tablespoons oil

1/2 cup finely diced celery 2 teaspoons saft

1/2 cup grated carrols freshly ground pepper Sauté onion, celery, and carrots in 3 tablespoons of oil until golden brown.

Add tomato paste, ½ cup water, mushrooms, I teaspoon salt, and pepper. Cover and simmer for 20 minutes. Sauté rice in 1 tablespoon oil until golden brown, stirring constantly. Add 3 cups hot water slowly. Add teaspoon salt, Cover and simmer for 15 minutes. Add vegetables and sauce. Cover and summer 10 minutes. Add cheese, Serve with additional cheese, Serves 6.

RISOTTO

136 cups rice 4 beef bouillon cubes 1 clove garlic, minced 13/2 cups slivered cooked park I cur, dry white wine 1 tablespoon oil 14 cup thinly sliced scallions 1/4 teaspoon sweet basil

Sauté rice in oil until golden brown. Dissolve bouillon cubes in 3 cups hot water, add slowly to rice. Add other ingredients, mixing well. Cover and simmer 30 minutes or until liquidas absorbed, Serves 6.

POTATO ROLLS

I cup mashed potatoes I cup scalded milk 35 cup butter 2 eggs, beaten 51/2 cups sifted all-purpose flour ₩ cup sugar 2 cakes compressed yeast 11/2 teaspoons sait

Soften yeast in 14 cup lukewarm water. Combine milk, hutter, sugar, salt, mashed potatoes. Cool to lukewarm. Add softened yeast and half flour mixture. Beat well, Blend in eggs. Add remaining flour, mixing thoroughly. Knead dough on floured board 5 to 10 minutes, until smooth. Place in greased bowl. Grease top of dough lightly. Cover. Let rise in warm place (80-85°F.) for I hour or until dough is doubled in bulk. Punch down dough.

With buttered hands form dough into any shape rolls desired. Place in greased muffin pans and let rice in warm place 14 hour. Brush tops of rolls with melted butter. Bake in moderate oven (375°F.) 15 to 20 minutes, Makes. 3 dozen rolls.

PAELLA

1 carret I cup not

one 2 pound chicken %-pound raw shrimp, peeled and deveload

6 littlenock clams or mussels, scrubbed 1/2 cup peas

2 tablespoons cubed pimento 1 small onton

1 stalk celery

2 tablespoons oil

1 clove garlic, crushed 1/2 teaspoon saffron

14 teaspoon oregano 1 teaspoon salt

freshly ground black pepper

Cover chicken with water. Add onion, celery, carrot and salt and pepper-Simmer, covered, I hour. Keep 2 cups stock. Remove chicken meat from bones, cut in medium pieces. Heat oil in pan, add garlic and rice. Cook over medium heat, stirring until rice is browned. Add 2 cups chicken stock, seasonings, chicken, peas, pimento, Cover, Cook over low heat 15 minutes. Add shrimp and clams and cook, covered, 10 minutes longer. Serves 6.

EMERALD RICE

4 cups cooked rice

I cup finely chopped raw spinach 1/2 cup linely chopped green peoper

14 cup finely chopped onion I cup heavy cream, whipped

4 egg yolks, beaten

4 egg whites, beaten

1/4 cup grated Parmesan cheese

1 teaspoon paprika I cup heavy sour cream

3 tablespoons finely chopped ch.ves

I teaspoon salt

Combine rice, egg volks, spinach, green pepper, onion, paprika, cheese, salt and whipped cream, mixing well. Fold in egg whites. Pour into a 2-quart buttered ring mold. Set in pan of hot water. Bake in moderate oven (350°F.) for 45 minutes. Serve with a sauce of sour cream and chopped chives. Serves 6.

SURPLUS BOUNTY CONTINUED

PORK SATES

2 pounds tean pork cut in 11/4 inch cubes

from loin, ham or shoulder

6 Brazil nuts, grated 2 tablespoons ground conander seeds

2 doves garlic, minced

1 hot red pepper, seeded and minced

1 cup finely ground onion

3 tablespoons femon juice 4 tablespoons soy sauce

2 tablespoons brown sugar ? teaspoons salt freshly ground black pepper

Combine all ingredients except pork, mixing well. Rub meat cubes with the mixture and thread on skewers. Bake in very hot oven (450°F.) 20 minutes, basting with oil. Serves 6.

POTATO PANCAKES

11/4 cups grated potatoes 2 cups lingonbernes 2 eggs beaten 2 cups milk

3% cup flour 1 teaspoon sugar l teaspoon salt

freshly ground black pepper

Add 4 cup milk to eggs. Blend in flour. Add remaining milk, sugar, salt and pepper, Beat until smooth, Let stand for 2 hours, Squeeze grated potatoes dry and add to batter. Heat griddle and grease lightly. Use 14 cup batter for each pancake. Spread batter on griddle to make thin pancake. Fold pancakes in quarters. Serve with lingonberries. Makes 14 to 16 pancakes.

SHERRIED SWEET POTATOES

6 med.um sized sweet potatoes (or yams) 14 cup light brown sugar, firmly packed

1½ cups dry sherry 1 teaspoon salt

4 tablespoons butter

Cook sweet potatoes in boiling salted water 20 minutes, or until parboiled Peel and cut into 1-inch slices. In a greased 6-cup casserole arrange a laver of potatoes. Sprinkle with brown sugar and salt. Dot with butter. Build lavers until all potatoes are used. Pour the sherry on top. Bake in hot oven (400°F.) 15 minutes. Serves 6.

SWEDISH RICE PUDDING

1 cup noe 1/3 cup slivered blanched almonds 3 teaspoons butter ¼ cup augar 1/2 teaspoon cinnamon 1 teaspoon selt

1/4 cup raisins 2 eggs, beaten 5 cups milk

Wash rice. Boil cup of water in pot. Add rice and one teaspoon butter, Simmer 15 minutes or until water is absorbed. Add milk and simmer 45 minutes. Combine sugar, salt and cinnamon, add to rice. Slowly add rice mixture to beaten eggs. Stir in raisins, almonds and two teaspoons butter. Pour into buttered 2-quart casserole. Place in pan of hot water and bake in hot oven (400°F.) for 45 minutes, Serve hot or cold. Serves 6.

CURRIED POTATO CASSEROLE

5 cups cooked diced potatoes 1/2 cup chopped onion 2 tablesopons tomato paste 2½ cups chicken bouillon

4 tablespoons butter

5 tablespoons flour 2 teaspoons curry powder 1/4 teaspoon chili powder 1 teaspoon salt freship ground black pepper

Put potatoes in greased 6-cup casserole. Sauté onion in butter until tender, Add curry, floor, chili, salt, pepper. Mix well. Add chicken bourlion gradually. stirring until smooth. Cook and stir over medium heat until mixture holls, Stir in tomato paste. Pour over potatoes. Bake in moderate oven (375°F) 30 minutes. Serve hot or cold. Serves 6.

ITALIAN POTATOES

6 medium-sized potatoes 2 large ripe tomatoes, quartered 6 tablespoors olive od

1 teaspoon oregano 1½ teaspoons salt freshly ground black pepper

I or 2 cloves garlic

Scrub potatoes. Cook in boiling salted water 30 minutes or until tender. Peel. Mash garlie with salt in wooden bowl. (Or put garlie through garlie press.) Add hot potatoes and remaining ingredients. Beat until well blended, Cover and chill in refrigerator several hours or serve hot. Serves 6.

HOT POTATO SALAD

6 med:um-sized potatoes 1/4 cup finely chopped onion 6 strips bacon, diced 1/2 cup cider vinegar

1½ tablespoons sugar 1 teaspoon salt freshly ground black pepper

Cook potatoes in bothing salted water 30 minutes. Peel and slice. Add onion, salt and pepper. Meanwhile fry bacon until crisp. Add bacon and fat to potatoes. Heat vinegar and sugar to boiling point. Pour over potatoes and mix lightly. Serve at once. Serves 6.

CONTINUED



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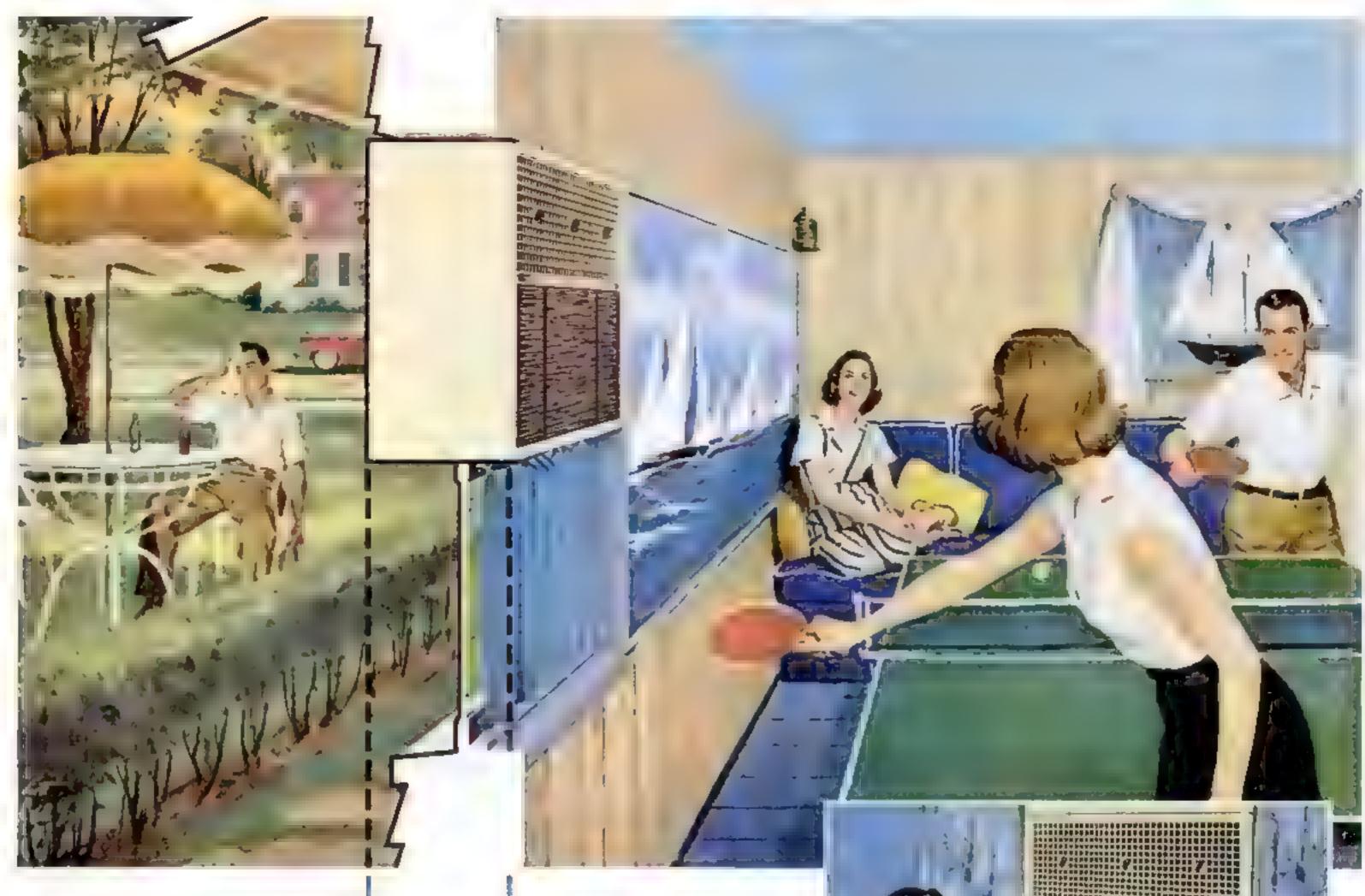
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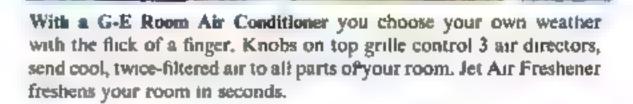
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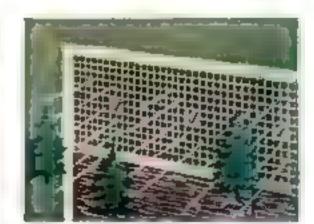
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Fe lay at your layorife store, ask for a Remington "DI CHESS" Regin at once to know the satisfaction of perfect skin grooming... Duchess Blue or Peppermint Pink, in a decorative case.

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SUGAR FROSTED FLAKES





POPATOFS AND RICE are shown in 12 imaginative versions. In the center are potato paneakes folded in quarters with lingon-berries; top left are sweet potatoes with dry sherry and brown sugar. Stations at the lower left and ording clockwise are. Swedish rice pudding with rins its shivered almonds: curried potatoes with sherry to serve hot or cold; It ilian potatoes with tomatoes,

also to serve hot or cold, rice amandine with clicken, hot potato salad with diced bacon; rice flamingo with mushrooms and grated Parmesan cheese; risatto with dry white wine and pork; potato rolls made of mashed potatoes; a paella with clams, chicken and shrimp; an emerald rice ring which is made with chopped spinach and green peppers and served with sour cream and chives.

How to Fare Well on Nation's Surplus Bounty

A LITTLE FINESSE TRANSFORMS PORK, POTATOES AND RICE

Good cooks always use up the family leftovers which is not only thrifty but also results in some wonderful dishes. Now America's cooks have an opportunity both to get well and save money on the leftovers that U.S. agricultural abundance is providing. Pork, potatoes and rice are so plentiful that prices have come steadily down. To explain how these national left-overs can be used in delicious ways. Life shows 21 special dishes on this page and on the following pages prints recipes for their preparation.

Last year a record 81 million hogs were slaughtered and the figure will be increased by at least four million more in 1956. Prices of pork, which in the

past two years have dropped from 23% to 44%, offer greatest savings on some of the best but least known cuts—such as loin roasts, crown roasts, fresh hams and shoulders. Spiced, garnished, stuffed, doused in wine or beer, pork will be welcomed even by the most single-minded beef eaters.

Huge crops and withdrawal of government supports, which hold up wheat, corn and out prices, have pushed down the price of potatoes. Even rice, which is supported, costs a little less now than two years ago. There are other things to do with potatoes besides mashing or frying them, and rice need not inevitably be boiled and served with a lump of butter. BOB HOPE Co-Starring In "THAT CERTAIN FEELING" A Paramount Picture Färned in Vista Vision-Color by Technicolor

Bob Hope agrees:

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At the right actual photographs of 2 pieces of carpet, cut from the same roll, tested with the same number of revolutions on a U.S. Bureau of Standards regulation type carpet tester. See the difference!

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SURPLUS BOUNTY CONTINUED

CREOLE PORK SKILLET

2 cups diced cooked pork 2½ cups canned tomatoes 14 cup diced green pepper 1/3 cup diced celery I large onion sliced

2 tablespoons oil

1 teaspoon sugar 1 tablespoon flour 1/2 teaspoon chils powder 11/2 teaspoons salt freshly ground black pepper

Sauté onion and pork in oil until onion is golden brown. Add tomatoes, green pepper, celery, chili powder, sugar, salt and pepper, Cover and summer for 15 minutes. Combine flour and two tablespoons water and stir into tomato mixture. Cook and stir for five minutes. Serves 6.

POBK STEAK WITH GABLIC SAUCE

2 pork steaks 1 inch thick I small carrot, coarsely chopped I small onion, coarsely chopped 2 tablespoons flour 1 cup tomatoes 3 cup beef bouillon. 1½ tablespoons butter

2 doves gartic, minced ⅓ teaspoon sugar bouquet garni. I small bay leaf, pinch of thyme, 4 sprigs parsley, 1 sprig celery leaves, 1 whole clove 1/2 teaspoon salt freshly ground black pepper

Sauté onion and carrot in lutter until soft but not brown. Add flour, stirring until smooth, Add tomatoes, boothlan, garlie, salt, sugar, pepper and bouquet garm field in cheesecloth. Cook and star until the mixture thickens. Cover and simmer for I hour. Strain. While sauce is cooking, season pork steaks with salt and pepper. Brown both sides of steak and sauté over low heat until tender, about 10 minutes. Serve garlie sauce hot over steak. Makes 6 servings.

BOAST SUCKLING PIG

1 suckling pig, about 10 pounds 35 cup apple cider 3 cups soft bread crumbs 1/2 cup chopped cetery 1/4 cup chopped onion 3 tablespoons butter

I clove garlic dash ground cloves dash nutmeg 1/4 teaspoon thyme 1/2 teaspoon saft

Wash pig in several waters and dry. Rub inside with cut clove of garlic. Heat butter and sauté celery and omon until tender but not brown. Mix in remaining ingredients, using enough order to moisten this stuffing slightly. Stuff pig. Tross fore and bind legs forward separately under the body. With ice pick or sharp kinfe make little gashes in the top of pig to allow fat to drain while roasting. Place a small block of wood in pig's mouth. Cover ears with aluminum foil to prevent burning. Roast in moderate oven (325°F.) for 4 hours. Baste frequently with fat from pan. Remove block from mouth and insert cow apple. Place on large board or platter and garnish as desired.

PORK BIRDS

3 pounds lean pork shoulder in 12 thin slices 1/2 cup dry white wint 6 large pineapote slices cut in half 1 cup pineapple juice 2 tablespoons bacon fat 1/4 leaspoon oregano

1/4 teaspoon thyme

1 bay leaf 8 sprigs parsley 2 sprigs celery leaves 2 whole cloves 2 tablespoons grated enion I thin slice garlic, mashed 1/2 teaspoon sait freshly ground black pepper

Season pork slices with oregano, thyme, salt and pepper, Place half a slice of pineapple on each slice of pork, then roll up each slice and fasten with a toothpick. Brown on all sides in bucon fat. Arrange pork in roasting pan. Pour pineapple juice and wine over the meat. Add remaining ingredients.

Cover pan and bake in a moderate oven (350°F.) I hoor. Remove pork to a hot platter. Strain sauce and thicken with a little cornstarch if desired, Pour sauce over pork, Serves 6.

PORK CROWN ROAST WITH CRANBERRY STUFFING

7-pound pork crown reast 1½ cups raw cranberries 1/2 cup dry wtute wine 4 cups dry cubed bread 2 tablespoons grated union 4 tablespoons sugar 1/4 cup melted butter

I clove garlic, minced ⅓ teaspoon sweet marjoram 1/4 leaspoon ground mace 1/4 teaspoon thyme 14 teaspoon ground dila 1 teaspoon salt freshly ground black peoper

Season crown roast with salt and pepper. Grand the cranberries, using the coarsest blade of food chopper. Combine cranherries with ingredients. Cook over medium heat 10 minutes. Then add wine, Cool, Fill crown roast wito stuffing. Wrap ends of rib bones with aluminum foil. Place roast in open pan Roast in slow oven (325°F.) for 3½ hours or until meat thermometer registers [85°F.

RECIPES FOR THE DISHES

ROAST FRESH PORK WITH APRICOTS

one 4-pound park shoulder
1/2 cup canned apricats drained
1/4 cup apricot juice
2 tablespoons chapped anion

2 cups toasted bread cubes

2 tablespoons butter
1/4 teaspoon nutmeg
2 tablespoons chopped celery
1/4 teaspoon saft

Have butcher bone and cut pocket in fresh pork shoulder. Sauté onion and celery in butter until tender. Add remaining ingredients, mix well. Put this stuffing into pocket in pork shoulder, sew or skewer shut. Roast in slow oven (325°F) for 4 hours, Slice and serve hot. Serves 6.

PORK AND MUSHROOM RING

1½ cups diced cooked pork
1 cup sliced mushrooms
1 tablespoon finely minced anion

2 cups scalded milk 4 tablespoons flour 1 package cornbread mix 1/2 teaspoon salt

2 egg yolks, beaten 5 tablespoons melted butler

Santé onion in 4 tablespoons butter until golden brown. Add flour, salt and blend, Add hot milk gradually, stirring constantly. Simmer 10 minutes, stirring occasionally. Strain and add gradually to egg yolks, stirring constantly. Heat but do not boil. Santé mushrooms in 1 tablespoon butter. Add mushrooms and pork to sauce; heat thoroughly. Pour in center of hot cornbread ring made with 1 package cornbread mix. Serve immediately. Serves 6.

BOHEMIAN BEER CASSEROLE

3 cups cubed cooked pork 12-ounce bottle state beer 1½ cups pumpernickel bread crumbs

1/4 teaspoon sugar
1/4 teaspoon thyme
1 teaspoon salt
1 freshly ground black peoper

1/4 cup chopped onton 1/4 cup chopped celery

Trum fat from pork, try out fat in skillet. Add onion and celery and sauté until tender but not brown. Combine with cubed pork and remaining ingredients. Place in greased 6-cup casserole. Cover and bake in a moderate oven (375°F.) 40 minutes. Serves 6.

PORK CHOPS CHATELAINE

6 medium pork chaps
12 cooked fresh chestnuts
6 cooked small white course

1 cup wine sauce 1 teaspoon sait

6 cooked small white onions

freshly ground black pepper.

Season chops with salt, pepper, Trun fat from chops and try out fat in skillet, Sauté chops in fat slowly, 10 to 12 minutes on each side. Remove chops and keep warm. Add wine sauce (below), onions, chestnute to drippings in pan and heat thoroughly. Pour sauce over chops. Serves 6.

Wine Sauce

1/2 cup beef fat
21/2 cups beef bouillon
1/2 cup dry white wine
1 cup canned tomatoes
1 onion chopped
1 carrot, diced
1 stalk celery

2 sprigs parsiey
1 clove garlic
1 bay leaf
pinch of thyme
1/2 cup flour
3 whole peppercorns
1/2 teaspoon salt

Melt fat. Sauté onion, carrot until golden brown. Add flour, cook until deep brown. Add bouillon slowly, stirring constantly. Add remaining ingredients. Cover and simmer for 2 hours. Strain and cool. Skim off fat.

Keep wine sauce in covered refrigerator jar. To keep longer than 1 week, bul again and put in clean jar.

ROAST FRESH HAM

one 12-pound fresh ham, skinned and scored 1 cup dry white wine 3 tablespoons brandy 1 large onion 1 cup beef boullon 1 stalk celery
1 clove garlic, cut
2 tablespoons flour
3 cloves
½ teaspoon salt

Rub ham with salt and pepper. Place in roasting pan, fat side up. Put onion stuck with cloves, celery and carles in pan. Boost in close over (225°F) 5.

stuck with cloves, celery and gorbe in pan. Roast in slow oven (325°F.) 5 hours or until meat thermometer inserted in fleshy part of ham registers 185°F., basting frequently with white wine. Remove cooked ham from pan and decant excess fat. Add flour, bouillon and brandy to pan. Season this gravy with salt and pepper, if necessary, and strain. Ham may be decorated with fruit, Will serve 12 and still have some left over.

CONTINUED

LAST CHANCE!

Gold Bond's "Improve-Your-Home" Contest ends May 31



just for finishing this sentence...

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Follow these simple rules

- 1 In 25 additional words or less, complete the statement, "I would like to improve my home with Gold Bond Asbestos Siding because..." Use entry blank in this ad or write on plain paper. Print name and address plainly.
- 2 Muil entries to. Gold Band Cantest, P.O. Box 974 Mount Vernon 10, N. Y.
- 3 All entries must be postmarked not later than May 31, 1956, and received not later than June 11, 1956. Send as many entries as you wish, but on a one prize to a family Each entry must be the original work of en rant submitted in own name. Use adequate postage,
- 4 Prizes as listed will be awarded in accord with judging by the independent and impartial staff of The Reuben H. Donnelley Corporation, and on the basis of originality, interest and aptness.
- 5 In the case of ties, duplicate prizes will be awarded. Judges' decisions are final. All entries become the property of National Gypsum Co. to use as they see fit, and none will be returned.
- 6 Contest is open ONLY TO HOME OIL NERS who are residents of the continental U. S., except these states: California, Utah, Washington, Oregon, Idaho and Nevada. Employees of National Gypsum Co., its advertising agency, the judging organization and their immediate families are excluded. Subject to all federal, state and local regulations.
- 7 Prize winners will be notified by mad. List available approximately six weeks after close of contest by sending stamped, self-addressed envelope.

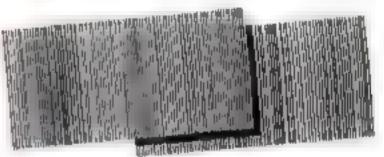
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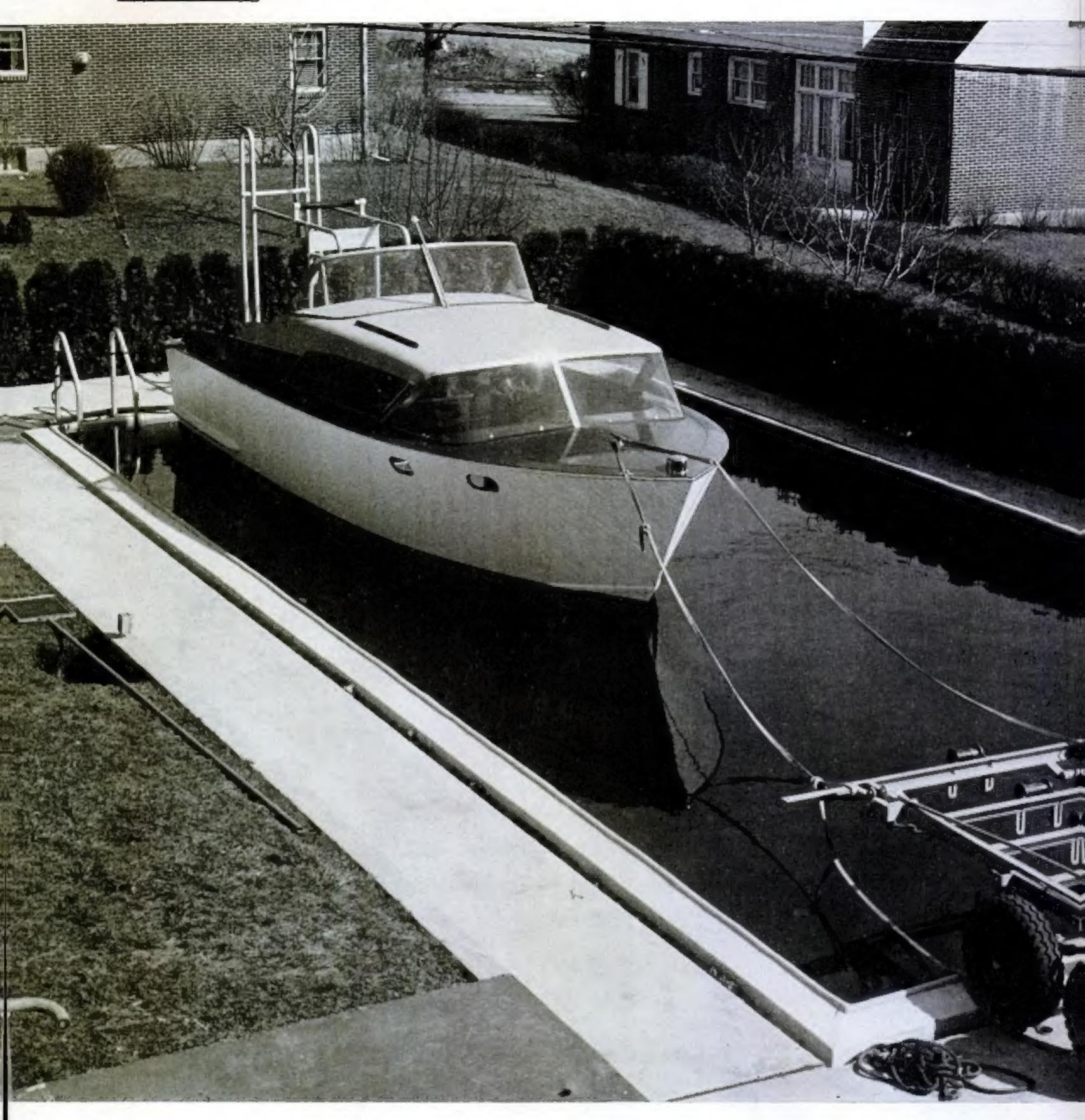
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